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VENEZUELAN INTERNATIONAL METEOROLOGICAL
AND HYDROLOGICAL EXPERIMENT
(VIMHEX)

HYDROLOGY REPORT

VOLUME I

PRECIPITATION DATA AND ANALYSIS

by

D. B. Simons, E. V. Richardson, M. A. Stevens,
J. H. Duke, V. C. Duke and H. Riehl

Civil Engineering Department
Colorado State University
Fort Collins, Colorado

ENGINEERING RESEARCH

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May 1971

CER70-71DBS-EJR-MAS-JHD-VCD-HR50

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The VIMHEX hydrological data and analyses are being presented in a series of VIMHEX hydrology reports. This first volume contains the precipitation data collected by VIMHEX during the summer of 1969.

Volume II, Streamflow, Groundwater and Ground Response Data, presents the most of the other hydrological information collected by VIMHEX.

Volume III will be a presentation of the geometric and hydraulic properties of the rivers in the study area.

Further analyses of the hydrological data will be published in other volumes of the VIMHEX hydrology reports.

May 1971

FOREWORD

The project leaders for VIMHEX are Dr. H. Riehl, Atmospheric Science Department, Colorado State University and D. B. Simons, Civil Engineering Department, Colorado State University. VIMHEX is sponsored by the Department of Defense through its THEMIS program. In addition to the financial support provided by the Department of Defense, professional members of the various branches of the Armed Services are contributing significantly to the solution of logistics, management and scientific problems. Mr. James Hughes, Office of Naval Research, who is the Contracting Officer for VIMHEX, has been especially helpful.

ABSTRACT

VIMHEX is an intensive program of tropical meteorological and hydrological observations taken in northeast Venezuela during the summer of 1969 to support a study of tropical atmospheric physics and the resulting effects of rainfall.

The objectives of the program are to express the meso-scale weather structure in terms of the synoptic-scale envelope and to formulate the ground response to the rainfall produced by tropical weather disturbances over relatively flat tropical topography.

The Volume I Hydrology Report lists all the precipitation data collected during the summer of 1969 in the study area of northeast Venezuela. Most of the precipitation data is in the form of hourly rainfall. In addition weekly and other longer period isohyetal maps are presented for the study area. The weekly and monthly average precipitations over the drainage basins have been determined. For the summer months of July, August, and September an average of 4.8 mm of precipitation per day fell on the drainage basins. In subsequent reports these data will be related to the hydrology and stream response of the area.

ACKNOWLEDGMENTS

The Venezuelan International Meteorological and Hydrological Experiment (VIMHEX) was conducted by Colorado State University with participation by the National Center for Atmospheric Research, the U. S. National Guard Bureau, the Venezuelan Air Force Meteorological Service, the Venezuelan Minister of Public Works, the Venezuelan National Institute of Sanitation, the Central University of Venezuela the Eastern University at Jusepín, the Bonn Institute, the Imperial College, Mobile Oil Company of Venezuela and IBIDEM Company of Venezuela.

In this report, special acknowledgment is made to the Ministerio de Obras Publicas (M.O.P.), Division de Hidrologia, under the direction of Dr. Hector Silva. This Venezuelan Government organization was responsible for providing a large portion of the data and manpower necessary to produce this precipitation data report.

Through the M.O.P. facilities in Caracas, Dr. F. Jimenez kindly undertook to have all VIMHEX precipitation data key punched on cards suitable for computer data analysis. Dr. L. Ramiro provided much of his time acquainting VIMHEX Hydrology Section personnel with sources of data available in Venezuela.

Dr. J. Narváez and Dr. L. Villalba, through the M.O.P Divisional Office at Barcelona, provided approximately one-half of the precipitation data gathered by VIMHEX in the study area. Dr. Narváez also made his laboratory facilities and field equipment available to VIMHEX.

M.O.P. assigned eleven field technicians to work directly with the VIMHEX Hydrology Section during the full extent of the study period. These well qualified technicians were Abel Santos, Blas Santaella, Baudelio Romero, Eduardo Canache, Cesar Cardot, Eduardo Contreras, Orlando Gomez, Gilberto Rodriquez, José Sabino, Oswaldo Tirado and Antonio Velasquez. These men constructed and maintained the hydrological data collecting stations and made the many hydrological measurements.

It is difficult to properly express our great appreciation to these individual members of Dr. Silva's organization. To those members noted above and to those contributing people whom we never met, Muchas Gracias.

Other major contributors to the precipitation data report were the VIMHEX Meteorological personnel who processed their rainfall records and provided their data for this report. Personnel from the National Center for Atmospheric Research maintained the meteorological precipitation stations.

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CHAPTER I

ANALYSIS OF PRECIPITATION DATA

INTRODUCTION

The Venezuelan International Meteorological and Hydrological Experiment (VIMHEX) was an intensive program of tropical meteorological and hydrological observations taken in northeast Venezuela during the summer of 1969 to support a study of tropical atmospheric physics and the resulting effects of rainfall. The general study area is outlined on Figure I-1.

The objectives of the program are: (1) to express the meso-scale (10-50 mile) weather structure in terms of the synoptic-scale (1,000 mile) envelope; (2) to formulate prediction methods from this weather model for runoff from streams, ground trafficability and groundwater variations; (3) to contribute to the understanding of the role of meso-scale weather to large-scale weather, and (4) to observe the extent and severity of equatorial zone thunderstorms relative to that encountered in other areas.

This report includes a tabulation of all precipitation data collected over the study area during the summer of 1969. The locations of the 68 precipitation gages are shown on Figure I-2. For all but 5 of the stations, the rainfall records have been reduced to figures of hourly precipitation, in mm, and daily totals, also in mm. These data are reproduced in this report and the data are also available on punched cards in both mm and inches of precipitation. The remaining 5 stations were equipped with non-recording gages. Those data have been reduced to daily totals, in mm, and are not available on punched cards. The daily totals are given in this report.

In addition to the point rainfall data, records of the size, location, direction of movement, and lifetime of rain-producing storms over the region covered by radar (See Figure I-2) were obtained by the Meteorological Section. Radar data are not presented in this volume.

Nearly one-half of the rainfall data collected by VIMHEX was obtained from stations operated by the Ministerio de Obras Públicas. These data are given in Chapter II along with the rainfall records obtained from the Ministerio de Agricultura y Cria, Campo Experimental de Guanipa.

The rainfall data collected by the VIMHEX Meteorological Section at the meteorological recording instrument stations are tabulated in Chapter III and those data collected by the Hydrology Section are given in Chapter IV.

All tables of precipitation data, except that from the 5 non-recording rain gages, have been produced from the key-punched cards by digital computer programs.

The rainfall data have been processed into the form of isohyetal maps which are presented in the following section.

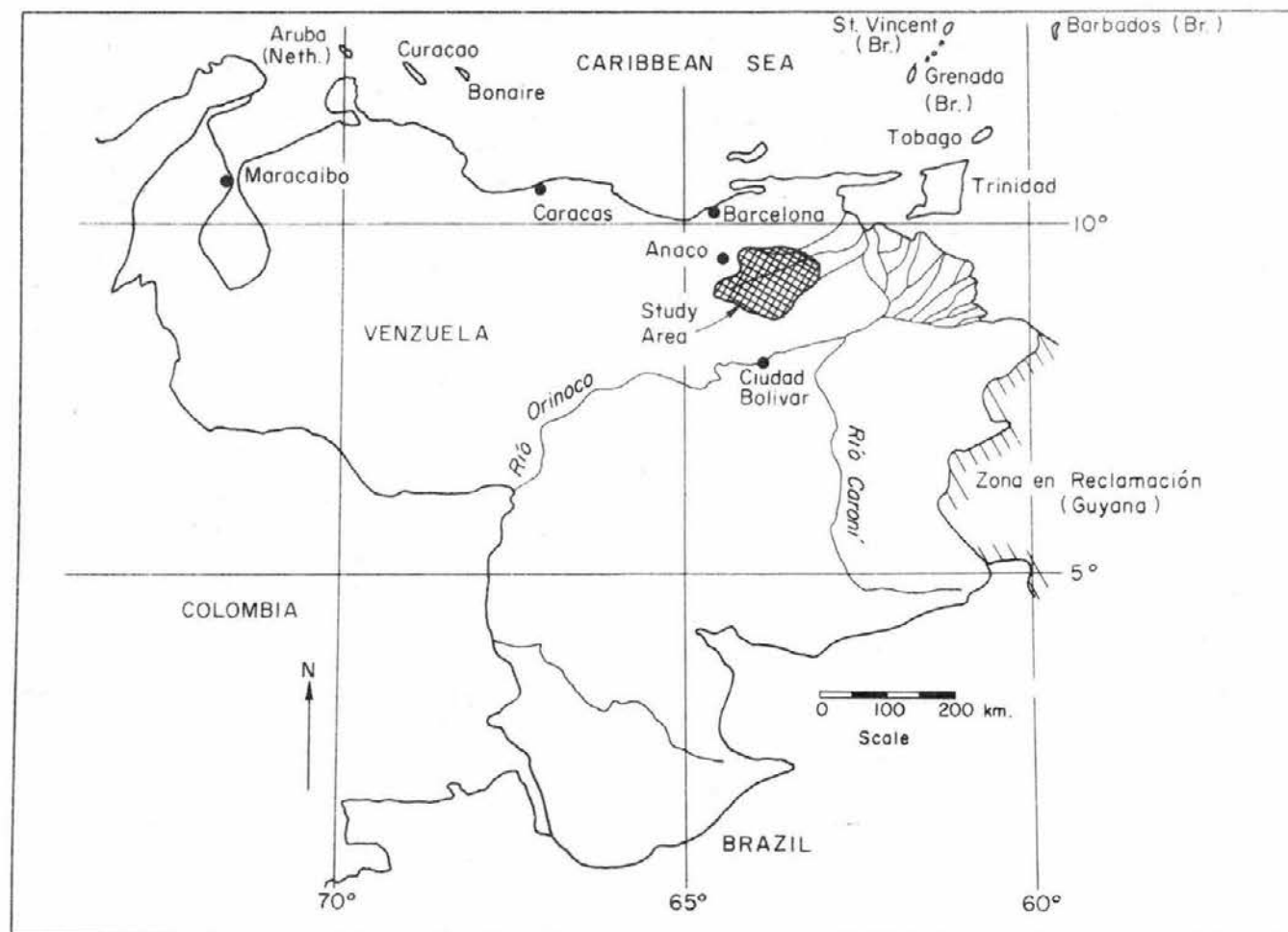


FIGURE I-1 LOCATION OF STUDY AREA

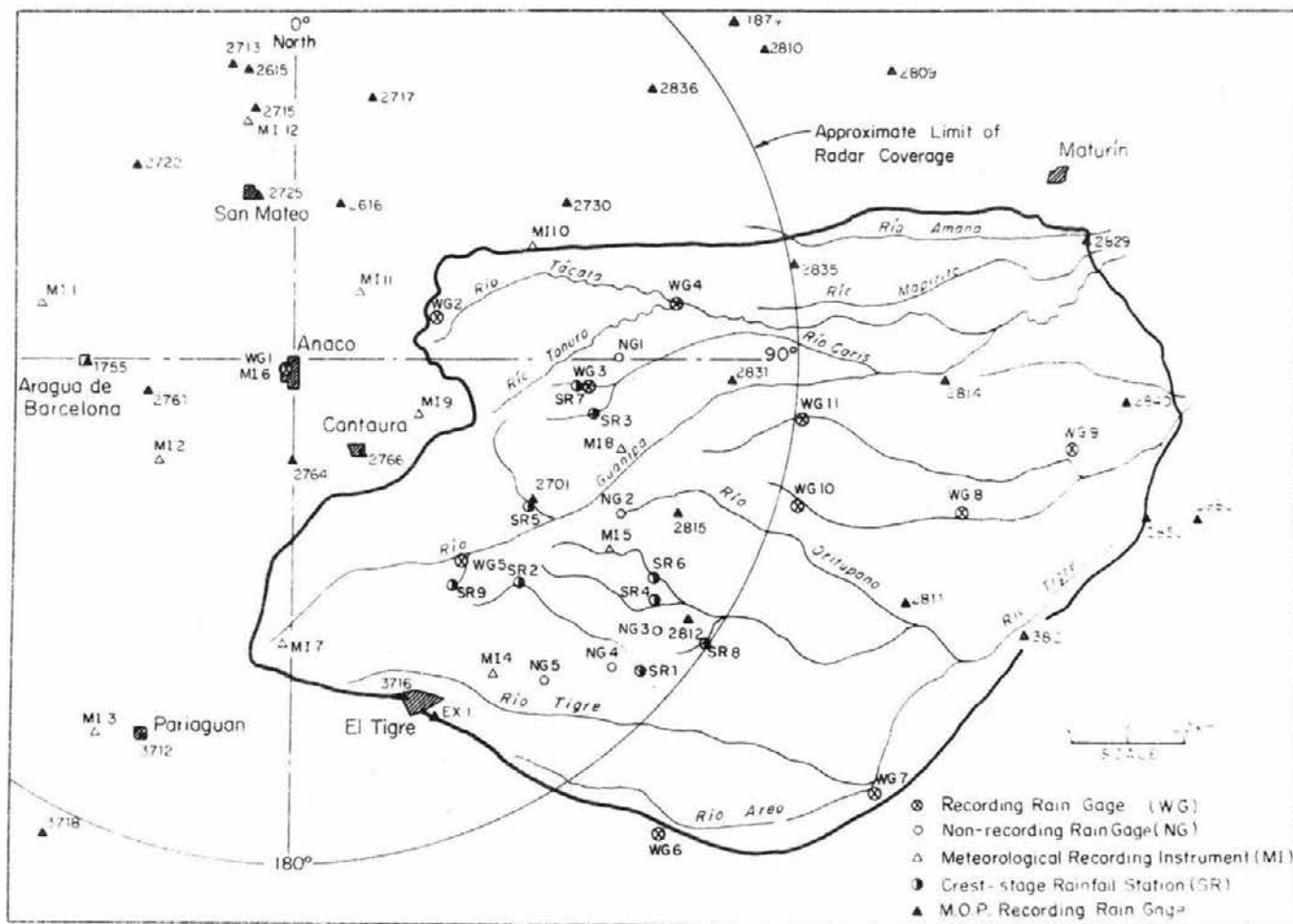


FIGURE I-2 LOCATIONS OF RAIN GAGES IN STUDY AREA

ISOHYETAL MAPS

Isohyetal maps for the VIMHEX study area were prepared for various time periods between July 1 and September 30, 1969. The maps are shown on Figure I-3 to I-8. In addition to the monthly maps, the other maps were prepared for periods corresponding to specific studies carried out by the Meteorological Section.

The isohyetal maps were constructed by a combination of graphical and numerical methods. As the length of the precipitation period being studied was increased, the number of stations with complete records decreased. On a daily basis the number of stations having complete records was a large percentage of the total number of stations. On a monthly basis less than 50 percent of the stations had complete records.

The preparation of daily isohyetal maps was considered too time consuming and unnecessary. Weekly isohyetal maps were drawn and overlayen with the grid-point system shown on Figure I-9. Weekly grid-point precipitation values were estimated from the weekly isohyetal maps and summed to give longer-period precipitations. Long-period isohyetal maps were then constructed from the sums of the grid-point rainfall values. Adjustments were made to the locations of the isohyetal lines so that the lines would agree with the rainfall recorded at those stations having complete records for the long period. Only minor adjustments to the locations of the isohyetal lines were required.

The summed grid-point precipitation values for various time periods are given in Tables I-1 to I-25, inclusive.

The grid-point precipitation method of constructing long-period isohyetal maps from weekly isohyetal maps overcomes the problem of the

low percentage of precipitation recording stations having complete records for long periods. Estimates of the areal extent of precipitation are made on a weekly basis for which a higher percentage of the stations have complete records.

The areal distributions of rain-producing storms are given by radar records. The radar data are being analysed and compared with the rainfall maps constructed by the grid-point system. If it is assumed that the amount of precipitation is directly proportional to the number of storm events as recorded on the photographs of the radar scope, then adjustments can be made to the isohyetal maps constructed from point rainfall records.

The isohyetal maps presented in Figures I-3 to I-8 are suitable for estimating long-term average rainfall over the drainage basins. These estimates are made in the following section. For the study of short-period rainfall over the drainage basins radar scope records of the areal distributions of storms should be used in conjunction with point rainfall records.

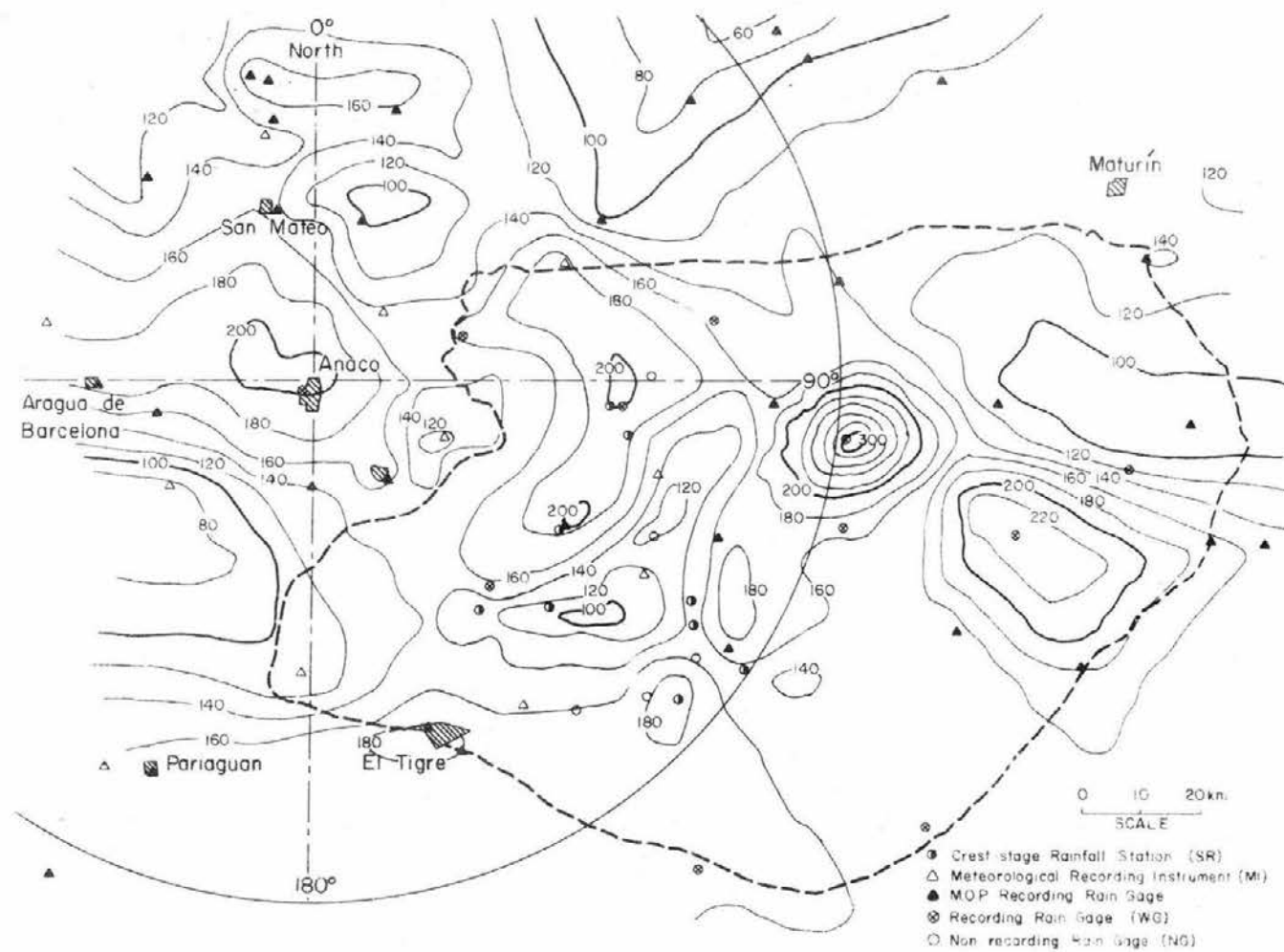


FIGURE I-3 PRECIPITATION (MM) JULY 1-31, 1969

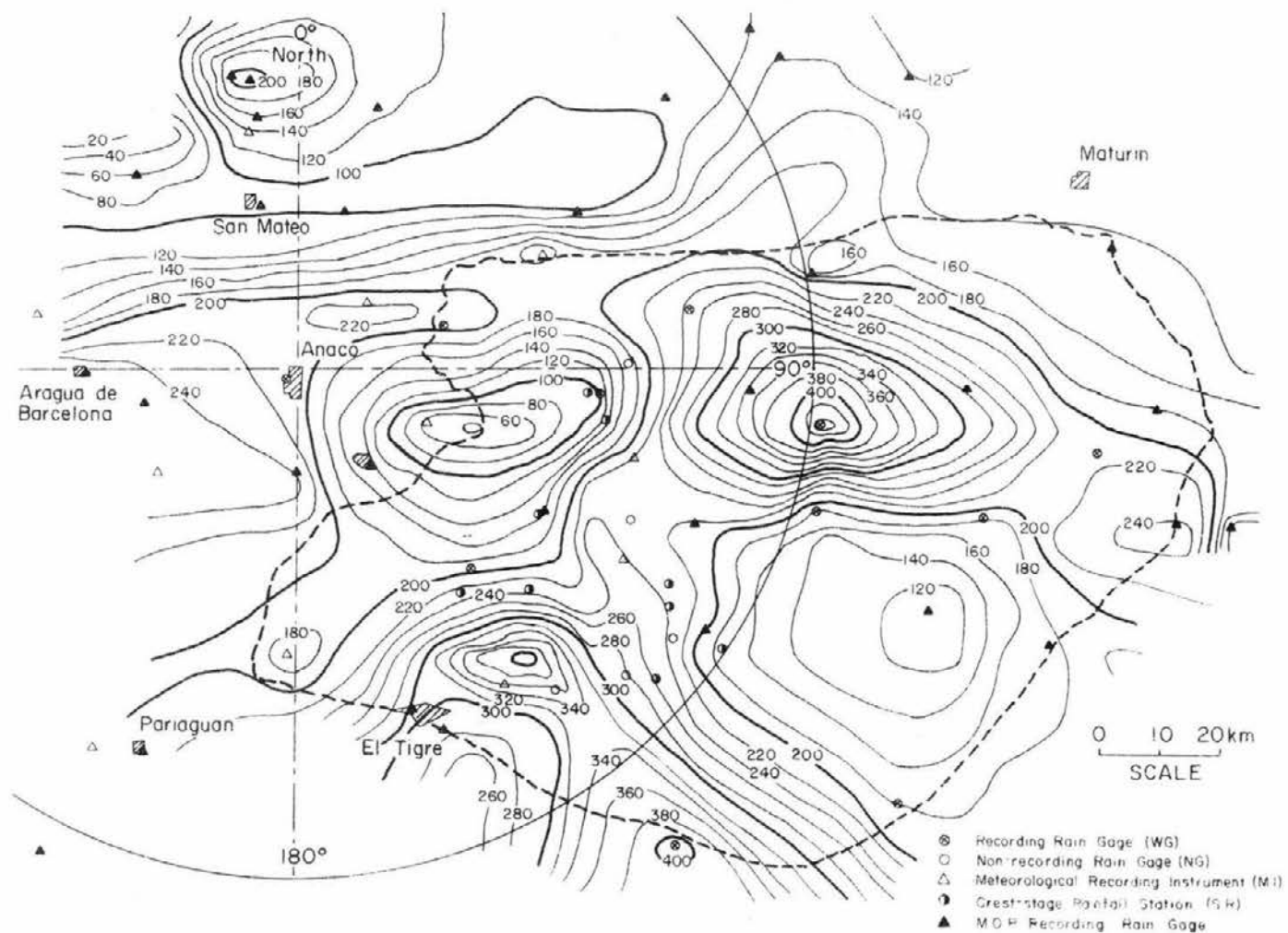


FIGURE I-4 PRECIPITATION (MM) AUGUST 1-31, 1969

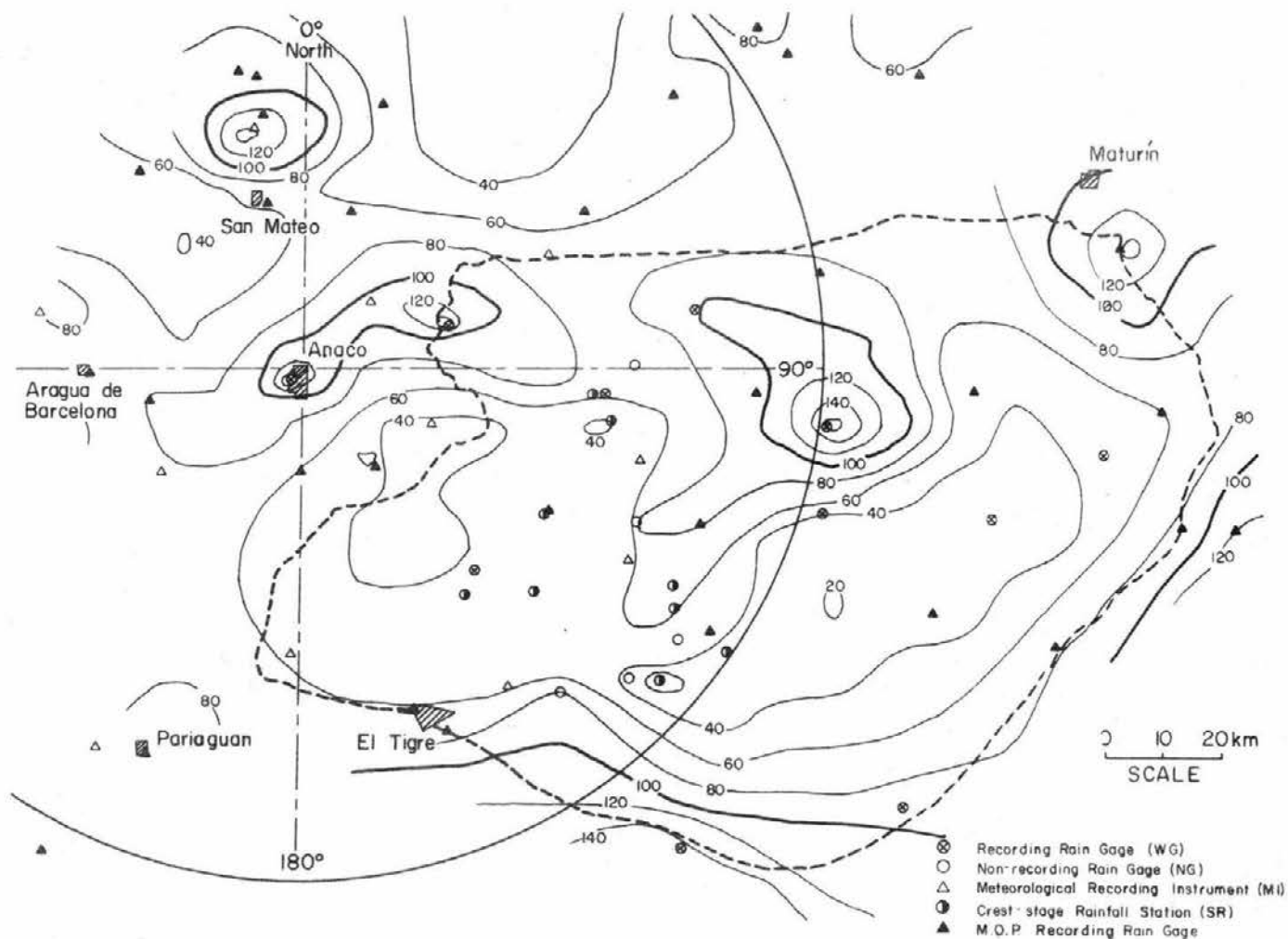


FIGURE I-5 PRECIPITATION (MM) SEPTEMBER 1-30, 1969

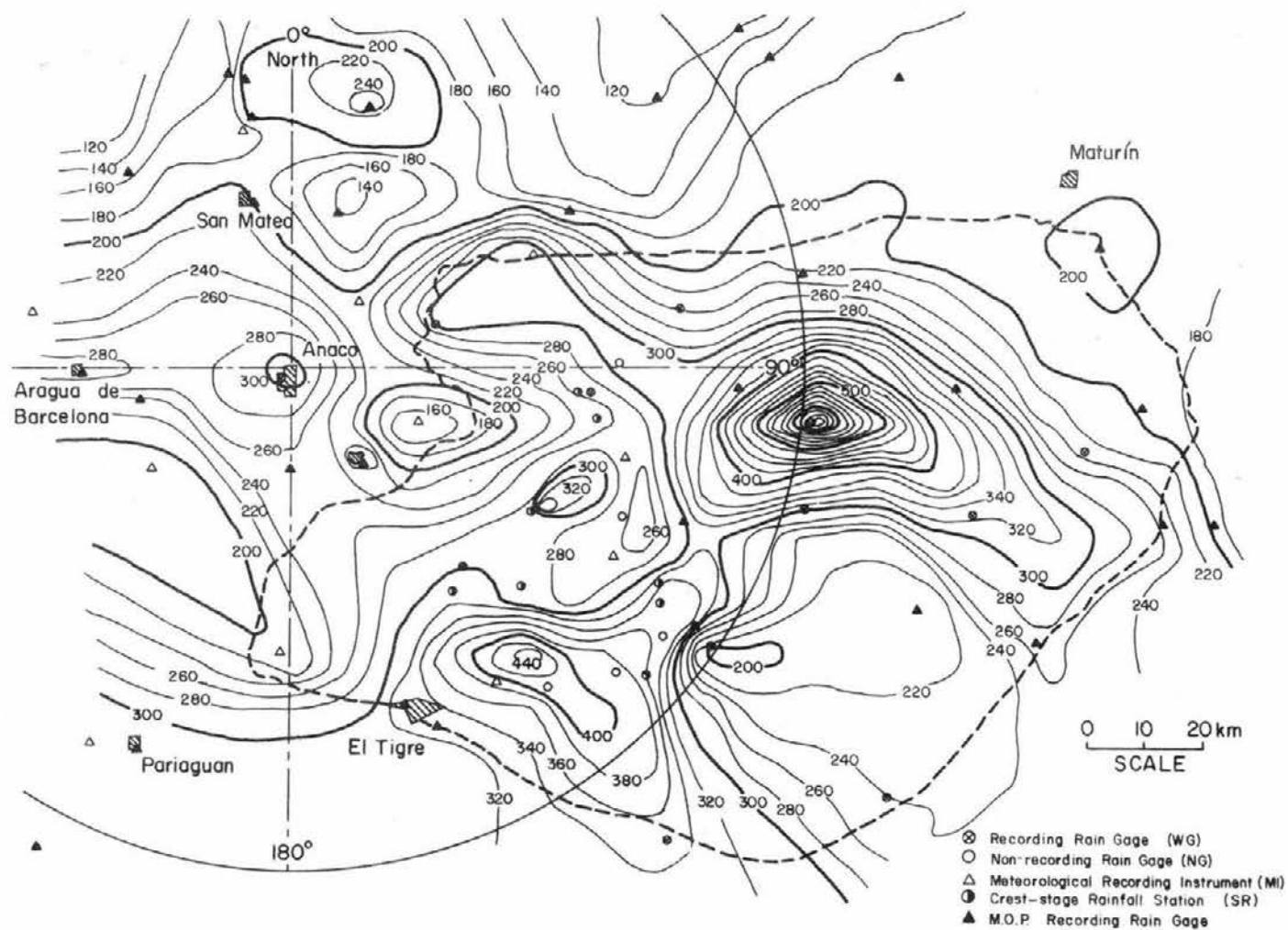


FIGURE I-6 PRECIPITATION (MM) JULY 1 - AUGUST 13, 1969

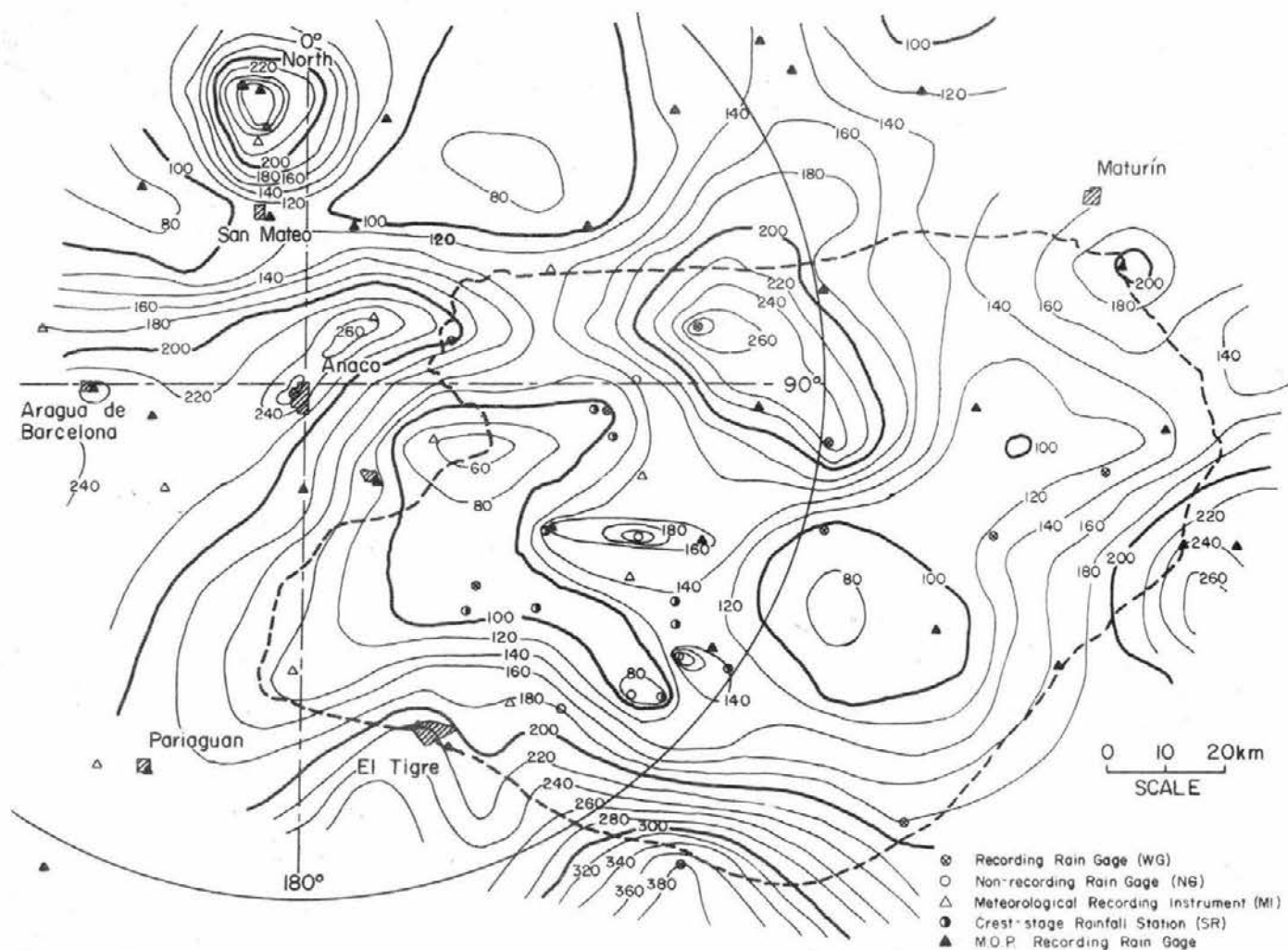


FIGURE I-7 PRECIPITATION (MM) AUGUST 14-SEPTEMBER 30, 1969

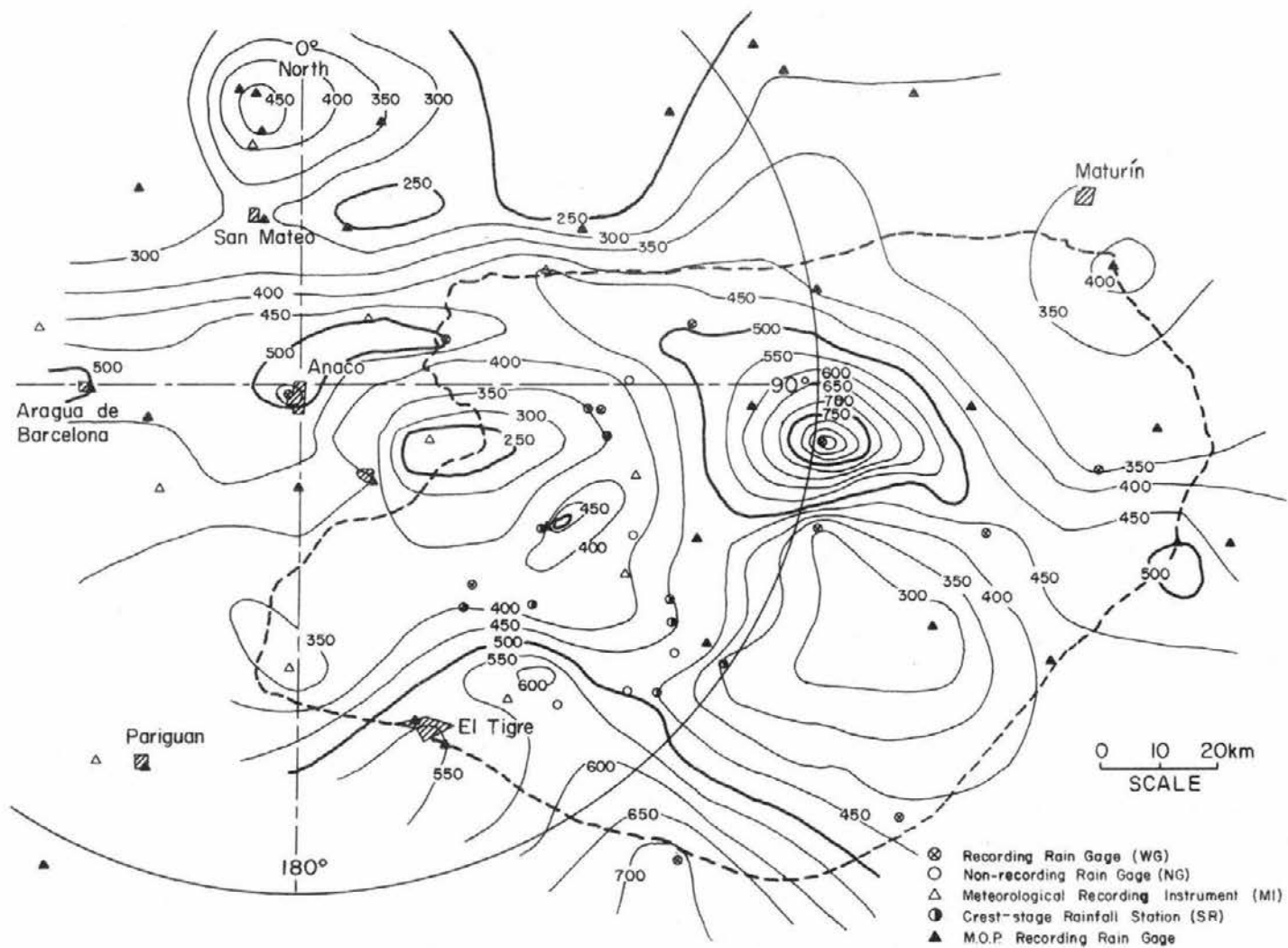


FIGURE I-8 PRECIPITATION (MM) JULY 6-SEPTEMBER 30, 1969

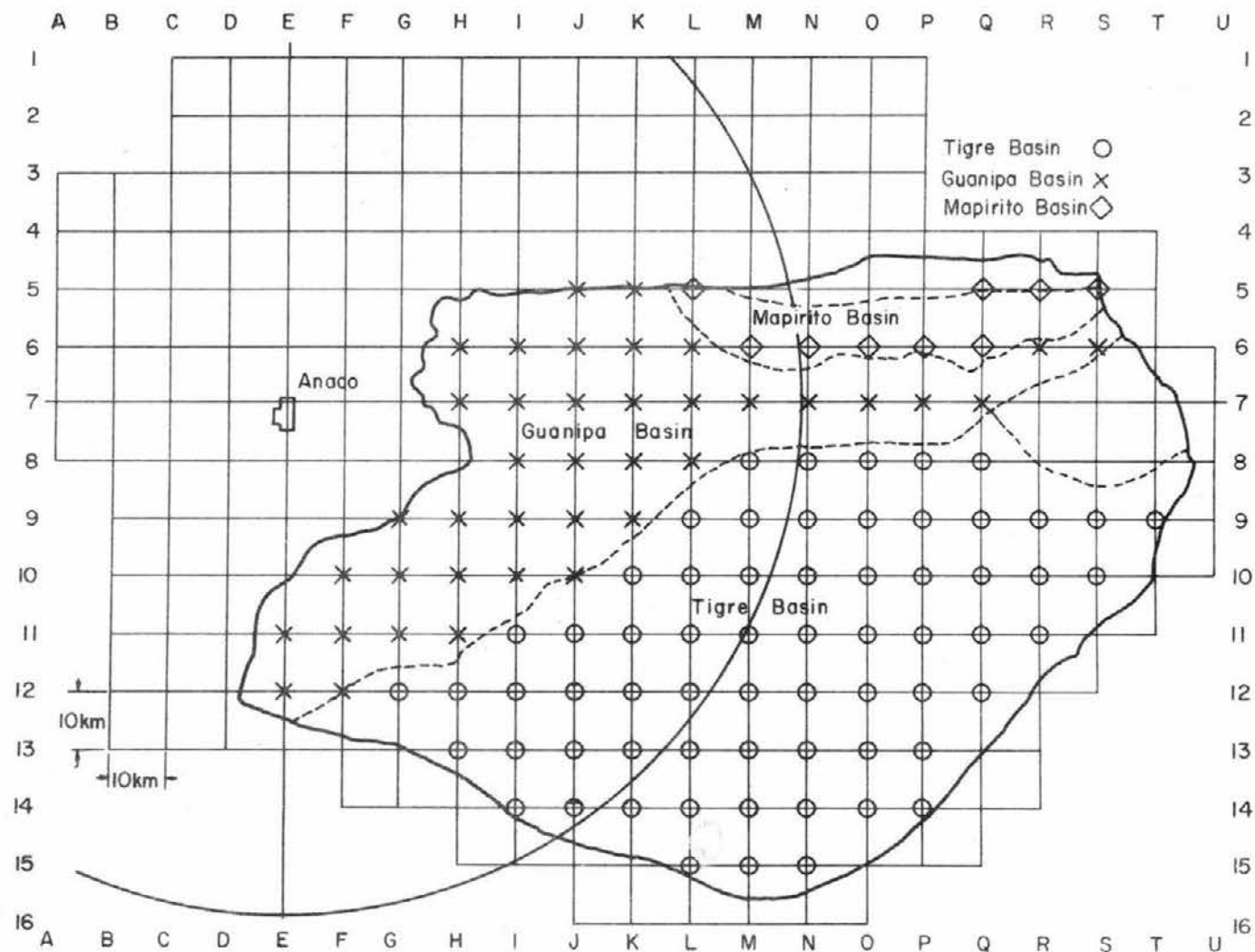


FIGURE I-9 PRECIPITATION GRID-POINT SYSTEM

TABLE I-1
GRID-POINT PRECIPITATION (MM)
JULY 1-7, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			5	10	0	0	0	0	0	1	2	3	4	6	6	5					
2			10	15	0	0	0	0	0	2	2	6	11	11	9	6					
3	-	3	3	0	0	0	0	0	1	2	4	11	13	13	11	7					
4	-	6	7	7	5	2	1	0	2	3	9	13	16	15	13	10	9	8	7	6	
5	-	13	13	12	8	2	1	2	5	11	13	16	17	16	13	11	8	8	8	7	
6	-	16	17	17	14	2	1	3	7	13	20	19	15	18	14	11	7	6	6	6	6
7	19	18	17	20	21	6	0	4	9	14	21	14	9	18	15	10	4	3	4	5	6
8	4	16	10	14	13	5	3	10	14	15	15	9	11	26	18	11	5	3	1	4	3
9		3	3	3	3	3	4	17	26	24	11	8	20	24	21	15	8	4	3	1	0
10		5	5	4	4	3	3	12	24	15	8	15	20	23	21	18	11	8	5	1	1
11		6	6	6	6	4	1	3	1	8	20	24	22	22	21	20	16	13	8	6	
12		7	7	7	9	4	1	3	4	2	10	13	14	17	17	17	16	15	11		
13		8	8	8	9	6	4	16	10	4	3	5	9	11	12	12	12	12			
14						14	17	18	12	6	2	2	4	6	8	8	9	8			
15								15	11	6	3	1	2	3	5	6	7				
16										6	3	0	0	0	3						

TABLE I-2
GRID-POINT PRECIPITATION (MM)
JULY 8-14, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			50	70	80	80	85	90	78	65	55	35	30	28	20	20					
2			60	101	110	120	112	93	80	65	50	45	40	35	30	30					
3	90	90	85	88	90	97	95	85	72	58	55	47	45	45	38	38					
4	90	75	68	57	50	55	60	70	65	55	55	50	50	50	46	43	50	55	60	65	
5	90	93	92	90	85	82	82	85	79	60	58	55	55	58	53	50	55	60	75	70	
6	95	107	119	125	130	130	125	108	93	82	65	59	73	80	60	55	55	65	70	70	70
7	95	110	125	142	162	140	110	92	90	98	87	90	120	135	98	60	50	55	58	59	60
8	60	60	80	108	132	117	78	80	88	95	90	95	138	200	140	90	75	55	55	53	55
9		25	10	60	85	85	71	70	70	82	85	90	95	120	90	170	160	115	85	70	68
10		32	10	22	55	61	63	65	59	58	82	90	95	80	95	160	180	148	110	78	70
11		45	20	10	26	41	55	70	65	50	37	120	110	90	95	120	135	110	78	75	
12		50	35	18	8	40	65	65	70	80	95	80	82	90	90	95	90	78	75		
13		60	57	58	65	80	85	55	67	85	98	95	90	88	85	85	78	75			
14						62	50	50	65	82	88	90	85	85	82	81	75	75			
15								62	70	75	80	82	82	82	81	77	75				
16										70	75	75	78	78	78	77					

TABLE I-3
GRID-POINT PRECIPITATION (MM)
JULY 15-21, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			25	15	10	0	0	0	2	5	5	5	10	20	20	22					
2			25	20	5	2	0	0	5	10	20	22	23	22	23	23					
3	20	20	30	25	20	2	0	7	15	20	25	28	25	22	22	25					
4	24	20	35	35	23	7	5	15	22	25	25	25	25	21	22	28	30	35	38	35	
5	28	25	25	22	15	5	10	22	50	35	18	18	21	22	22	30	33	35	44	38	
6	32	25	25	18	15	3	10	22	40	45	25	7	10	22	25	25	25	30	30	30	30
7	35	30	25	25	22	19	21	28	35	50	40	25	10	22	25	23	25	22	22	22	22
8	30	30	30	30	25	40	25	38	55	65	20	19	40	65	35	30	22	10	12	10	10
9		35	33	35	35	62	62	60	78	60	5	45	48	35	30	28	25	19	15	10	10
10		35	37	38	61	63	75	85	80	35	20	50	30	25	25	22	30	33	25	15	15
11		40	40	58	63	70	70	38	30	20	30	28	25	25	20	15	38	50	35	20	
12		45	55	62	65	70	70	58	60	61	65	45	30	30	20	20	40	55	40		
13		55	62	65	65	70	74	65	65	65	70	60	40	35	30	36	38	45			
14						59	60	60	60	61	62	58	45	38	35	35	35	35			
15								55	55	56	55	54	48	40	35	30	30				
16										55	50	50	45	42	35						

TABLE I-4
GRID-POINT PRECIPITATION (MM)

JULY 22-28, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			21	40	45	40	40	30	15	10	5	10	20	35	50	60					
2			19	40	45	50	45	32	18	10	0	15	30	41	61	65					
3	5	5	15	15	35	41	50	40	23	15	10	20	40	45	60	55					
4	10	15	30	45	25	25	35	50	35	20	18	35	45	50	48	45	35	27	19	13	
5	10	22	39	45	42	20	25	40	55	42	38	45	50	42	33	28	20	18	13	10	
6	3	21	28	35	30	15	15	25	45	55	65	62	42	28	20	18	13	10	10	5	5
7	20	21	10	15	18	15	10	15	25	40	45	35	20	13	15	15	5	10	13	10	10
8	21	22	22	18	10	10	8	10	15	15	15	10	20	20	15	10	15	19	20	18	18
9		25	22	19	8	8	8	15	15	19	10	21	25	15	10	15	22	32	42	50	45
10		25	22	19	10	10	10	10	10	15	18	30	15	15	10	15	21	35	52	70	65
11		25	22	20	18	18	15	10	5	15	35	25	15	10	10	10	19	32	45	50	
12		25	25	22	21	22	21	19	15	10	15	10	10	10	15	15	20	28	30		
13		30	30	25	23	25	25	25	22	15	10	5	10	18	20	22	22	28			
14						30	30	30	25	22	18	10	18	22	25	25	25	30			
15								30	30	25	22	22	25	25	30	30	30				
16										25	25	25	30	30	33						

TABLE I-5
GRID-POINT PRECIPITATION (MM)
JULY 29-31, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			0	0	0	0	0	0	0	0	0	0	0	0	0	0					
2			0	0	0	0	0	0	0	0	0	0	0	0	0	0					
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
4	0	0	5	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
6	5	5	3	5	3	1	2	2	1	0	0	0	0	0	0	0	0	0	1	1	1
7	20	15	3	3	2	2	1	0	0	1	1	1	1	0	0	0	0	0	2	2	3
8	10	5	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3
9		-	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0	1	3	2
10		-	0	0	0	0	0	0	2	1	1	1	1	0	0	1	1	2	3	4	0
11		-	0	0	0	0	0	0	0	1	2	2	0	0	0	1	1	1	2	3	
12		-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		
13		5	3	0	1	1	1	8	5	4	0	0	0	5	5	5	5	3			
14						3	7	7	6	6	6	5	7	7	7	8	6	5			
15								6	7	7	7	8	8	8	9	9	7				
16										8	8	8	9	9	9						

TABLE I-6
GRID-POINT PRECIPITATION (MM)
JULY 1-31, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			101	135	135	120	125	120	95	81	67	53	64	89	96	107					
2			114	176	160	172	157	126	103	87	72	88	104	109	123	124					
3	-	118	133	128	145	140	145	132	111	95	94	106	123	125	131	125					
4	-	116	145	157	115	89	101	135	124	103	107	123	136	136	129	126	124	125	124	119	
5	-	153	169	179	155	109	118	149	189	148	127	134	143	138	121	119	116	121	141	126	
6	-	174	192	200	192	151	153	160	186	195	175	147	140	148	119	109	100	111	117	112	112
7	189	194	180	205	225	182	142	139	159	203	194	165	160	188	153	108	84	90	99	98	101
8	125	133	145	172	181	173	114	138	172	190	140	133	209	311	208	141	117	87	90	87	89
9		-	68	117	131	158	145	162	191	187	111	164	188	194	151	228	216	170	146	134	125
10		-	74	83	130	137	131	172	175	124	129	186	161	143	151	216	243	226	195	168	151
11		-	88	94	113	133	141	121	101	94	124	199	172	147	146	166	209	206	168	154	
12		-	122	109	103	136	157	145	149	153	185	148	136	147	143	148	167	177	157		
13		158	160	156	163	182	189	169	169	173	181	165	149	157	152	160	155	163			
14						168	160	165	168	177	176	165	159	158	157	157	150	153			
15								168	173	169	167	167	165	158	160	152	149				
16										164	161	158	162	159	157						

TABLE I-7
GRID-POINT PRECIPITATION (MM)
AUGUST 1-4, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			7	8	5	5	5	5	5	4	4	4	5	14	15	15					
2			8	7	5	6	6	6	7	5	5	5	15	16	19	19					
3	0	1	5	8	7	6	7	10	10	10	10	10	17	18	15	15					
4	1	2	8	9	8	7	10	18	15	14	13	17	20	22	22	18	10	7	1	0	
5	5	4	8	5	7	8	15	25	34	25	23	25	33	35	35	19	16	15	1	1	
6	6	6	8	6	7	11	18	25	30	35	42	59	90	100	100	75	38	19	16	10	7
7	30	25	19	7	8	8	15	20	24	37	73	105	180	225	190	140	97	39	25	18	10
8	30	25	30	33	22	10	10	10	12	18	92	180	260	340	260	200	133	62	33	25	17
9		27	30	44	45	30	18	15	19	59	83	125	160	130	160	130	80	33	30	30	18
10		-	25	38	43	45	41	27	28	35	39	39	35	30	38	38	35	35	42	42	18
11		-	25	35	35	39	44	50	3	20	30	25	25	25	25	22	38	43	44	45	
12		-	30	30	30	35	38	45	47	40	30	22	22	25	35	35	42	46	46		
13		30	30	30	30	30	30	30	42	48	45	40	30	35	39	42	45	48			
14						30	25	25	35	38	39	30	39	42	48	45	47	50			
15								22	35	35	39	40	42	50	55	50	50				
16										35	39	43	45	55	55						

TABLE I-8
GRID-POINT PRECIPITATION (MM)
AUGUST 5-11, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			20	22	42	43	45	35	30	30	25	25	30	30	25	20					
2			22	15	39	55	50	39	35	25	25	25	35	35	20	20					
3	-	-	28	25	30	47	48	40	25	29	21	22	30	30	30	30					
4	40	35	34	33	33	20	18	5	8	14	10	20	30	30	32	33	38	42	50	50	
5	43	42	40	38	37	30	39	55	70	55	35	23	30	27	33	35	41	45	52	52	
6	47	45	44	43	44	50	63	68	60	47	30	30	30	25	35	40	45	50	55	57	50
7	55	50	48	48	48	45	48	45	30	15	20	25	25	20	30	42	50	58	63	65	55
8	55	50	-	50	45	20	10	10	20	35	35	35	23	10	30	40	55	83	95	72	58
9	-	-	-	50	45	30	33	30	30	40	40	42	38	37	30	28	45	78	85	62	30
10	-	-	-	55	55	55	50	42	39	40	40	55	52	42	30	20	15	50	47	35	6
11	-	-	-	59	65	65	75	95	80	50	58	80	59	41	30	20	15	30	25	15	
12	-	-	-	62	68	75	100	165	130	50	59	22	30	35	25	21	22	22	20		
13		55	55	60	62	75	100	90	58	50	70	47	35	30	30	22	23	23			
14						55	55	55	55	55	60	55	40	35	25	28	24	25			
15								50	50	55	60	58	47	38	25	25	25	25			
16										55	55	55	49	40	35						

TABLE I -9

GRID-POINT PRECIPITATION (MM)

AUGUST 12-13, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			3	10	12	5	3	0	3	9	12	18	22	28	33	35					
2			4	9	12	6	5	3	3	5	8	12	15	18	31	35					
3	0	0	0	8	14	10	8	7	6	5	5	8	11	15	23	29					
4	10	8	7	5	10	18	22	23	12	9	7	6	8	11	17	22	23	24	24	23	
5	12	11	11	9	6	10	33	41	34	21	8	4	6	6	12	17	19	19	19	19	
6	16	15	17	18	15	4	32	49	38	25	12	3	4	5	11	13	18	15	13	11	9
7	14	12	19	25	29	13	14	37	28	25	21	10	2	8	12	18	18	12	9	5	3
8	5	8	12	23	25	20	5	3	2	2	5	7	9	15	17	17	17	8	1	2	3
9		10	0	18	23	22	22	22	23	39	21	25	19	10	10	11	9	5	5	7	2
10		25	13	5	17	22	30	40	49	68	48	38	23	9	8	8	9	11	12	12	5
11		42	27	9	8	18	31	50	105	108	103	40	11	8	7	7	12	17	19	19	
12		60	42	20	0	7	21	41	126	140	100	20	9	7	7	6	13	22	24		
13		75	56	39	27	10	10	51	79	142	90	39	16	8	5	5	13	23			
14						60	61	62	72	105	108	60	32	17	7	4	16	24			
15								73	73	78	88	72	51	30	10	12	20				
16										78	78	73	62	50	30						

TABLE I-10
GRID-POINT PRECIPITATION (MM)
AUGUST 1-13, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			30	40	59	53	53	40	38	43	41	47	57	72	73	70					
2			34	31	56	67	61	48	45	35	38	42	65	69	70	74					
3	0	1	33	41	51	63	63	57	41	44	36	40	58	63	68	74					
4	51	45	49	47	51	45	50	46	35	37	30	43	58	63	71	73	71	73	75	73	
5	60	57	59	52	47	48	87	121	138	101	66	52	69	68	80	71	76	79	72	72	
6	69	66	69	67	66	65	113	142	128	107	84	92	124	130	146	128	101	84	84	78	66
7	99	87	86	80	85	66	77	102	82	77	114	140	207	253	232	200	165	109	97	88	68
8	90	83	-	106	92	50	25	23	34	55	132	222	292	365	307	257	205	153	129	99	78
9		-	-	112	113	82	73	67	72	138	144	192	217	177	200	169	134	116	120	99	50
10		-	-	98	115	122	121	109	116	143	127	132	110	81	76	66	59	96	101	89	29
11		-	-	103	108	122	150	195	188	178	191	145	95	74	62	49	65	90	88	79	
12		-	-	112	98	117	159	251	303	230	189	64	61	67	67	62	77	90	90		
13	160		-	129	119	115	140	171	179	240	205	126	81	73	74	69	81	94			
14						145	141	142	162	198	207	145	111	94	80	72	87	99			
15								145	158	168	187	170	140	118	90	87	95				
16									168	172	171	156	145	120							

TABLE I-11
GRID-POINT PRECIPITATION (MM)
AUGUST 14-18, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			17	18	40	38	35	32	28	22	18	22	22	14	15	16					
2			17	72	77	43	36	31	26	20	17	18	15	12	16	17					
3	15	15	18	63	62	39	31	26	22	17	15	18	20	25	27	21					
4	17	15	15	17	15	8	8	17	16	12	18	26	32	35	32	26	18	8	5	4	
5	18	18	15	12	5	2	5	10	30	32	32	39	43	42	34	28	19	11	5	4	
6	25	24	21	18	12	3	1	7	20	27	40	49	45	42	32	22	14	8	6	3	3
7	37	37	32	28	23	16	7	5	8	12	19	38	42	31	20	11	5	5	5	5	6
8	42	42	41	31	25	18	9	8	5	12	15	20	19	11	9	5	7	8	10	20	30
9		45	41	32	22	13	9	5	10	18	23	21	19	14	20	30	40	54	69	80	50
10		45	40	32	22	9	8	6	8	12	30	33	24	16	27	41	56	76	100	120	33
11		44	39	30	22	8	9	10	16	9	5	18	15	18	15	18	29	40	59	71	
12		43	39	30	22	35	57	48	28	12	18	27	29	30	28	23	18	8	18		
13		45	41	38	51	73	93	35	49	28	32	42	48	48	49	46	38	28			
14						95	65	8	45	53	58	60	62	64	67	64	58	40			
15								10	40	69	81	82	83	82	79	75	70				
16										80	88	88	88	87	85						

TABLE I-12
GRID-POINT PRECIPITATION (MM)
AUGUST 19-25, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			15	35	20	15	10	-	-	-	-	-	20	20	10	10					
2			20	80	50	18	12	-	10	-	10	10	20	20	10	10					
3	0	5	10	15	18	10	10	10	15	13	10	10	20	25	20	19					
4	10	5	12	10	15	15	18	18	18	18	15	10	20	30	30	26	30	35	40	45	
5	17	18	20	32	45	65	50	39	24	20	15	10	21	35	35	31	36	42	50	50	
6	22	42	57	72	90	125	85	48	35	30	20	10	22	25	28	33	40	45	45	50	50
7	35	42	53	64	70	70	52	30	18	20	30	21	22	25	28	35	42	47	45	48	50
8	30	30	30	38	47	40	17	5	15	41	42	33	30	36	30	35	40	43	45	45	55
9		-	-	35	30	10	5	19	47	65	53	35	30	30	30	37	35	30	38	42	67
10		-	-	35	30	20	10	22	48	80	62	36	30	30	32	40	45	47	40	38	73
11		-	-	39	43	41	27	20	30	30	40	50	39	35	35	38	58	65	62	70	
12		-	-	39	47	45	50	60	57	45	50	80	53	36	25	30	65	80	65		
13		-	-	35	42	48	49	55	35	30	35	45	48	37	22	25	52	55			
14						43	45	50	42	38	45	50	45	38	19	25	37	40			
15								50	45	50	62	70	53	40	21	20	30				
16									55	65	70	55	43	28							

TABLE I-13
GRID-POINT PRECIPITATION (MM)
AUGUST 26-31, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			15	25	22	22	25	32	40	45	43	30	30	21	18	15					
2			20	30	10	11	14	19	25	38	45	43	43	41	30	19					
3	0	0	0	8	7	6	3	8	11	20	34	59	62	58	43	19					
4	5	7	10	12	14	13	9	5	0	5	38	81	78	60	19	17	16	15	14	13	
5	15	19	22	23	23	23	18	8	1	30	70	98	65	11	18	17	16	15	14	13	
6	30	47	60	62	51	37	23	13	0	33	80	115	90	40	19	18	17	16	14	14	13
7	100	85	60	48	33	20	11	11	5	10	38	79	76	61	43	19	17	17	14	15	15
8	90	87	75	60	51	35	10	2	5	12	30	40	40	35	22	19	16	15	12	18	12
9		70	71	74	76	62	39	12	6	8	8	10	14	17	15	14	12	11	9	7	7
10		62	58	52	50	44	38	20	6	12	5	4	8	10	11	10	9	7	0	1	2
11		49	41	31	23	21	20	19	10	5	5	5	5	0	8	3	5	0	1	0	
12		44	30	15	0	11	15	20	24	11	0	8	8	0	0	0	1	2	2		
13		44	30	18	13	17	25	32	36	32	14	10	8	5	0	2	0	3			
14						27	33	40	45	50	44	35	23	10	3	3	2	3			
15								47	52	59	65	59	40	26	10	5	3				
16										63	68	63	55	40	25						

TABLE I-14
GRID-POINT PRECIPITATION (MM)
AUGUST 1-31, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			77	118	141	128	123	-	-	-	-	-	129	127	116	111					
2			91	213	193	139	123	-	106	-	110	113	143	142	126	120					
3	15	21	61	127	138	118	107	101	89	94	95	127	160	171	158	133					
4	83	72	86	86	96	81	85	86	69	72	101	160	188	188	152	135	135	131	134	135	
5	110	112	116	119	120	138	160	178	203	183	183	199	198	156	167	147	147	147	141	139	
6	146	179	207	219	219	230	222	210	183	197	224	266	281	237	225	201	172	153	149	145	132
7	271	251	231	220	211	172	147	148	113	119	201	278	347	370	323	265	229	178	161	156	139
8	252	242	-	235	215	143	61	38	59	120	219	315	381	447	368	316	268	219	196	182	175
9		-	-	253	241	167	126	103	135	229	228	258	280	238	265	250	221	211	236	228	174
10		-	-	217	217	195	177	157	178	247	224	205	172	137	146	157	169	226	241	248	137
11		-	-	203	196	192	206	244	244	222	241	218	154	127	120	108	157	195	210	220	
12		-	-	196	167	208	281	379	412	298	257	179	151	133	120	115	161	180	175		
13		-	-	220	225	253	307	293	299	330	287	223	185	163	145	142	171	180			
14						320	284	240	294	339	354	290	241	206	169	164	184	182			
15								252	295	346	395	381	316	266	200	187	198				
16										366	393	393	354	315	258						

TABLE I-15
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 1, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			5	7	8	5	0	0	0	1	2	2	4	4	5	12					
2			8	10	10	3	0	0	0	2	3	3	5	5	10	20					
3	5	5	8	10	10	2	1	0	2	3	4	4	5	6	13	18					
4	0	5	3	0	2	1	1	2	3	5	5	5	5	6	10	13	12	10	8	8	
5	15	10	5	3	5	10	8	2	0	2	6	6	6	7	7	7	8	9	10	9	
6	20	15	5	5	10	20	8	2	1	0	7	8	7	5	6	5	5	7	8	5	0
7	5	5	2	10	15	10	6	5	10	14	0	3	0	3	5	4	4	7	8	3	0
8	5	3	0	7	7	5	7	5	4	5	7	5	0	0	4	4	4	10	10	2	1
9		0	0	5	5	3	3	3	2	7	10	7	3	0	0	3	8	10	10	7	0
10		0	0	3	3	2	2	1	2	1	1	9	0	0	0	0	3	3	5	5	0
11		0	0	0	0	1	6	8	3	3	4	5	3	0	0	0	0	0	3	3	
12		1	0	0	0	0	5	0	0	0	0	12	10	0	0	0	0	0	0		
13		10	2	0	0	0	0	0	0	0	0	10	5	5	3	3	0	0			
14						0	0	0	0	0	5	5	5	6	5	5	3	0			
15								0	0	5	10	15	5	6	7	6	8				
16										10	10	10	5	5	6						

TABLE I-16
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 2-8, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			10	19	30	30	25	18	3	5	18	35	30	10	10	14					
2			12	40	57	47	27	12	5	5	15	15	18	8	12	14					
3	5	7	15	60	68	41	18	10	7	10	15	13	15	12	14	17					
4	15	10	15	35	30	13	15	5	10	19	22	22	22	21	18	23	35	47	40	30	
5	30	25	15	13	15	12	10	5	12	22	28	30	30	22	27	30	38	52	64	35	
6	60	32	21	15	10	10	8	5	10	20	25	34	42	47	38	32	33	44	50	45	32
7	40	35	22	18	18	10	5	5	10	10	25	45	60	77	59	35	25	30	39	50	35
8	30	25	23	21	18	10	5	5	8	5	25	45	76	110	77	38	21	18	21	45	40
9		30	25	22	20	10	8	10	15	20	32	52	60	50	38	25	14	15	25	48	39
10		28	24	22	18	10	5	12	15	10	10	30	19	19	18	14	15	20	39	62	38
11		26	23	20	15	8	5	5	5	5	5	6	10	10	17	10	18	30	40	39	
12		25	22	18	15	15	15	15	15	5	5	10	10	8	16	15	23	28	28		
13		22	20	22	22	25	30	25	30	22	15	9	10	9	15	15	22	22			
14						30	35	35	33	23	16	10	10	11	14	14	15	15			
15								37	35	25	17	10	10	12	13	13	14				
16										25	18	10	10	13	13						

TABLE I-17
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 9-15, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			5	5	9	5	0	1	2	3	4	8	9	9	5	2					
2			5	8	8	0	0	2	3	5	6	9	19	19	9	2					
3	10	14	8	3	8	0	0	3	4	7	8	16	23	23	16	11					
4	12	14	7	5	3	1	0	4	7	8	10	22	28	32	21	16	17	21	30	40	
5	8	10	7	6	5	1	0	7	9	9	16	24	33	41	28	17	18	30	42	35	
6	7	8	8	7	9	1	0	4	7	10	18	25	29	29	29	18	17	25	28	19	8
7	7	7	10	21	42	8	0	3	6	8	12	10	14	10	13	10	10	12	13	9	8
8	5	12	28	33	13	5	0	5	8	3	3	0	2	3	3	0	5	8	9	5	20
9		25	33	17	8	4	7	10	12	11	10	5	3	3	2	1	4	8	8	11	39
10		32	20	14	8	9	16	22	30	19	25	5	2	2	2	1	5	8	9	20	51
11		32	18	14	13	16	23	32	41	34	23	8	6	3	2	2	7	9	20	50	
12		31	17	15	13	13	14	16	23	24	19	5	3	3	3	3	9	20	42		
13		25	14	8	7	6	3	3	8	14	8	0	3	3	3	5	11	30			
14						2	2	2	5	12	10	5	5	3	5	10	12	40			
15								1	3	9	15	11	10	9	11	11	12				
16										8	12	12	12	11	12						

TABLE I-18
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 16-22, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			22	21	3	5	10	13	17	22	25	27	24	10	9	12					
2			21	10	5	7	7	11	15	20	24	22	11	5	11	12					
3	11	10	6	9	13	16	14	8	10	14	18	16	11	5	7	8					
4	8	5	9	17	22	27	23	15	8	9	10	10	8	5	4	5	0	0	0	0	
5	5	6	12	21	31	42	34	20	0	0	3	0	0	0	2	0	0	0	0	0	
6	1	7	13	27	41	53	38	19	0	0	0	0	1	0	0	0	0	0	3	5	10
7	4	5	12	24	35	31	22	8	4	0	0	1	3	0	0	0	0	0	5	9	17
8	6	6	8	14	18	12	1	1	5	0	0	2	0	0	0	0	0	3	5	12	22
9		7	7	8	6	5	0	0	0	0	0	2	0	0	0	0	0	3	6	10	29
10		-	10	7	5	3	0	0	0	0	0	2	0	0	0	0	0	5	8	9	32
11		-	13	10	8	5	6	5	3	8	30	3	2	3	9	12	17	20	22	30	
12		-	17	15	12	9	7	3	8	5	7	4	0	8	12	18	23	31	32		
13		-	41	21	19	17	17	30	34	33	20	15	13	16	19	22	29	32			
14						50	53	58	58	56	49	39	28	25	26	28	32	33			
15								75	75	73	73	61	45	35	32	33	33				
16									77	77	74	71	50	39							

TABLE I-19
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 23-29, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			10	7	5	3	3	2	0	1	4	5	10	29	23	18					
2			20	8	7	3	3	3	3	4	7	8	22	25	18	16					
3	20	28	41	60	8	5	5	7	8	9	8	8	12	14	13	14					
4	3	3	8	8	8	6	10	16	17	12	13	9	5	8	9	12	20	22	29	25	
5	1	1	0	5	8	15	32	46	44	33	25	18	9	5	5	9	15	21	28	22	
6	3	2	7	8	11	23	70	80	65	43	35	30	19	11	8	7	10	14	18	15	8
7	7	9	14	12	14	19	40	60	59	43	30	26	22	17	11	7	7	9	11	8	5
8	6	10	20	20	18	18	15	18	22	26	22	21	18	12	11	8	5	5	1	2	3
9		7	10	15	18	19	21	21	15	7	10	15	12	5	9	7	6	2	1	2	2
10		11	12	14	15	14	11	5	9	10	25	23	9	2	5	6	8	3	2	2	1
11		13	15	16	17	11	0	0	0	3	9	15	5	1	4	5	4	5	4	3	
12		17	17	18	17	11	9	8	7	9	12	2	1	5	7	7	7	7	5		
13		18	20	21	18	17	15	15	13	13	7	3	8	12	13	13	13	12			
14						22	20	18	17	16	12	12	17	20	22	21	20	19			
15								22	21	20	18	19	22	23	24	24	23				
16										23	22	22	25	27	27						

TABLE I-20
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 30, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			20	20	0	0	0	0	0	0	0	5	7	0	0	0					
2			20	10	0	0	0	0	0	0	0	0	0	0	0	0					
3	2	2	5	2	5	0	0	0	0	0	0	0	0	0	0	0					
4	2	3	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	1	2	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0
6	0	1	0	0	0	0	0	1	0	0	0	3	2	2	1	0	0	0	0	0	0
7	2	3	7	1	1	0	0	0	0	0	0	1	2	10	5	0	0	0	0	0	0
8	5	10	10	0	0	0	0	0	0	0	0	1	10	37	20	10	0	0	0	0	0
9		3	0	0	0	0	0	0	0	0	0	1	1	20	1	0	0	0	0	0	0
10		0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0
11		0	0	0	0	0	0	0	0	0	0	10	10	1	0	0	0	0	0	0	0
12		0	0	0	0	0	0	0	0	0	0	5	5	3	3	3	0	0	0		
13		0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0			
14						0	0	0	0	0	0	0	10	10	8	8	5	0			
15								0	0	10	20	20	20	15	15	15	10				
16										10	20	20	20	15	15						

TABLE I-21
GRID-POINT PRECIPITATION (MM)
SEPTEMBER 1-30, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			72	79	55	48	38	34	22	32	53	82	84	62	52	58					
2			86	86	87	60	37	28	26	36	55	57	75	62	60	64					
3	53	66	83	144	112	64	38	28	31	43	53	57	66	60	63	68					
4	50	40	45	65	65	48	49	42	45	53	60	68	68	73	62	69	84	100	107	103	
5	60	54	39	48	64	80	84	80	65	66	78	78	79	77	70	63	79	112	144	101	
6	91	65	54	62	81	107	124	111	83	73	85	100	100	94	82	62	65	90	107	89	58
7	65	64	67	86	125	78	73	81	89	75	67	86	101	117	93	56	46	58	76	79	65
8	57	66	89	95	74	50	28	34	47	39	57	74	106	162	115	60	35	44	46	66	86
9		72	75	67	57	41	39	44	44	45	62	82	79	78	50	36	32	38	50	78	109
10		-	66	60	49	38	34	40	56	40	61	69	31	25	26	21	31	39	63	98	122
11		-	69	60	53	41	40	50	52	53	71	47	36	18	32	29	46	64	89	125	
12		-	73	66	57	48	50	42	53	43	43	38	29	27	41	46	62	86	107		
13		-	97	72	66	65	65	73	85	82	50	37	44	50	58	63	75	96			
14						104	110	113	113	107	92	71	75	75	80	86	87	107			
15								135	134	142	153	136	112	100	102	102	95				
16										153	159	148	143	121	112						

TABLE I-22

GRID-POINT PRECIPITATION (MM)

AUGUST 14 - SEPTEMBER 30, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			119	157	137	123	108	-	-	-	-	-	156	117	95	99					
2			143	268	224	132	99	-	87	-	127	128	153	135	116	110					
3	68	86	111	230	199	119	82	72	79	93	112	144	168	168	153	127					
4	82	67	82	104	109	84	84	82	79	88	131	185	198	198	143	138	148	158	166	165	
5	110	109	96	115	137	170	157	137	130	148	195	225	208	165	157	139	150	180	213	168	
6	168	178	192	214	234	272	233	179	138	163	225	274	257	201	161	135	136	159	172	156	124
7	237	228	212	226	251	184	143	127	120	117	154	224	241	234	184	121	110	127	140	147	136
8	219	225	235	224	197	143	64	49	72	104	144	167	195	244	176	119	98	110	113	149	183
9	-	-	-	208	185	126	92	80	107	136	146	148	142	139	115	117	119	133	166	207	233
10	-	-	-	179	151	111	90	88	118	144	158	142	93	81	96	112	141	169	203	257	230
11	-	-	-	160	141	111	96	99	108	97	121	120	95	71	90	88	138	169	211	266	
12	-	-	-	150	126	139	172	170	162	111	111	153	119	93	94	99	146	176	192		
13	-	-	-	163	172	203	232	195	205	172	132	134	148	140	129	136	165	182			
14						279	253	211	245	248	239	216	205	187	169	178	184	190			
15								242	271	320	361	347	288	248	212	202	198				
16										351	380	369	341	291	250						

TABLE I-23
GRID-POINT PRECIPITATION (MM)
JULY 1 - SEPTEMBER 30, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			250	332	331	296	286	-	-	-	-	-	277	278	264	276					
2			291	475	440	371	317	-	-	-	237	258	322	313	309	308					
3	-	205	277	399	395	322	290	261	231	232	242	290	349	356	352	326					
4	-	228	276	308	275	218	235	263	238	228	268	351	392	397	343	337	343	356	365	357	
5	-	319	324	346	339	327	362	407	457	397	388	411	420	371	358	329	342	380	426	366	
6	-	418	453	481	492	488	499	481	452	465	484	513	521	479	426	372	337	354	373	346	302
7	525	509	478	511	561	432	362	368	361	397	462	529	608	675	569	429	359	326	336	333	305
8	434	441	-	502	470	366	203	210	278	349	416	522	696	920	691	517	420	350	332	335	350
9		-	-	437	429	366	310	309	370	461	401	504	547	510	466	514	469	419	432	440	408
10		-	-	360	396	370	362	369	409	411	414	460	364	305	323	394	443	491	499	514	410
11		-	-	357	362	366	387	415	397	369	436	464	362	292	298	303	412	465	467	499	
12		-	-	371	327	392	488	566	614	494	485	365	316	307	304	309	390	443	439		
13		-	-	448	454	500	561	535	553	585	518	425	378	370	355	365	401	439			
14						592	558	518	575	623	622	526	475	439	406	407	421	442			
15								555	602	657	715	684	593	524	462	441	442				
16										683	713	698	659	595	527						

TABLE I-24
GRID-POINT PRECIPITATION (MM)
JULY 1-5, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			0	0	0	0	0	0	0	0	1	1	1	1	1	1					
2			0	0	0	0	0	0	0	1	2	2	11	8	3	2					
3	2	3	2	0	0	1	0	0	1	2	3	4	11	11	7	3					
4	3	3	3	0	1	2	1	2	2	2	4	7	12	12	8	3	3	3	3	3	2
5	4	4	4	4	3	2	2	4	8	7	7	10	14	14	8	4	3	3	3	3	2
6	5	7	9	8	7	1	2	4	9	12	13	17	16	12	7	4	3	3	2	2	0
7	15	17	17	22	22	10	2	3	10	13	16	10	7	8	8	4	3	2	2	1	0
8	12	7	7	10	13	8	3	3	10	16	13	7	6	8	8	6	4	3	1	1	0
9		2	2	2	3	3	3	4	13	18	8	6	6	7	8	8	8	4	2	1	0
10		5	6	6	6	4	3	3	9	17	10	6	6	8	10	12	12	8	3	0	1
11		7	8	8	8	6	3	3	2	7	16	10	8	11	15	18	16	13	8	5	
12		7	8	8	9	6	2	3	0	3	5	10	11	15	17	18	16	16	12		
13		6	6	6	5	0	3	10	2	0	0	4	7	10	12	13	13	13			
14						0	0	3	0	0	0	2	4	6	8	8	8	8			
15								0	0	0	0	0	2	3	4	5	5				
16										0	0	0	0	0	2						

TABLE I-25

GRID-POINT PRECIPITATION (MM)

JULY 6 - SEPTEMBER 30, 1969

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1			250	332	331	296	286	-	-	-	-	233	276	277	263	275					
2			291	475	440	371	317	-	-	-	-	256	311	305	306	306					
3	-	202	275	399	395	321	290	261	230	230	239	286	338	345	345	323					
4	-	225	273	308	274	216	234	261	236	226	264	344	380	385	335	334	340	355	362	355	
5	-	315	320	342	336	325	360	403	449	390	381	401	406	357	350	325	339	377	423	364	
6	-	411	444	473	485	487	497	477	443	453	471	496	505	467	419	368	334	351	371	344	302
7	510	492	461	489	539	422	360	365	351	384	446	519	601	667	561	425	356	324	334	332	305
8	422	434	415	492	457	358	200	207	268	333	403	515	690	912	683	511	416	347	331	334	350
9		-	-	435	426	363	307	305	357	443	393	498	541	503	458	506	461	415	430	439	408
10		-	-	354	390	366	359	366	400	394	404	456	358	297	313	382	431	483	496	514	409
11		-	-	349	354	360	384	412	395	362	420	454	354	281	283	285	396	452	459	494	
12		-	-	363	318	386	486	563	614	491	480	355	305	292	287	291	374	427	427		
13		-	-	442	449	500	558	525	551	585	518	421	371	360	343	352	388	426			
14						592	558	515	575	623	622	524	471	433	398	399	413	434			
15								555	602	657	715	684	591	521	458	436	437				
16										683	713	698	659	595	525						

AVERAGE PRECIPITATION OVER THE DRAINAGE BASINS

The average rainfall over the Tigre, Guanipa and Mapirito basins (Figure I-9) are given in Table I-26. For the period July 1 to September 30, 1969, the Tigre basin acquired, on the average, 5.0 mm of rainfall per day, and the Guanipa and Mapirito basins, 4.5 mm per day. Rainfall was highest in August and lowest in September.

The average basin precipitations were obtained by numerically averaging the grid-point rainfall. For example, the 64 grid points shown on Figure I-9 were chosen to represent the rainfall on the Tigre basin. The arithmetic average of the sum of the 64 grid-point rainfall values for the week of July 1 - July 7 (Table I-1) was taken as the average weekly precipitation, 11.3 mm, over the Tigre basin.

The 39 and 9 grid-points, representative of the Guanipa and Mapirito basins respectively, are also shown on Figure I-9.

Averages of rainfall over the three basins combined are given in Table I-27 and were obtained in the following manner. For example, between July 1 and September 30, the average total accumulated rainfall was 462.9 mm on the Tigre basin, 416.7 mm on the Guanipa basin, and 410.5 mm on the Mapirito basin. The daily average rainfall over the three basins combined was

$$\frac{462.9 \times 64 + 416.7 \times 39 + 410.5 \times 9}{(64 + 39 + 9) (31 + 31 + 30)} = 4.81 \text{ mm/day}$$

The average precipitation figures given in Tables I-26 and I-27 provide background information on the river basins and are to be used to assess the relative magnitudes of the terms in the water budget for the study area during the summer months.

The hourly precipitation data presented in Chapters II, III, and IV provide the rainfall information necessary to establish, for example, the rainfall-runoff relation for particular storm events. Runoff data are given in Volume II of the VIMHEX hydrology reports. Analyses of the hydrological relations for the study area will be given in subsequent volumes.

TABLE I-26
AVERAGE PRECIPITATION (MM) ON BASIN

Period (inclusive)	Tigre average	Basin accumulated	Guanipa average	Basin accumulated	Mapirito average	Basin accumulated
July 1-July 7	11.3	11.3	11.2	11.2	11.7	11.7
July 8-July 14	96.3	107.6	73.6	84.8	63.1	74.8
July 15-July 21	38.9	146.5	42.9	127.7	26.3	101.1
July 22-July 28	19.4	165.9	22.1	149.8	24.1	125.2
July 29-July 31	2.1	168.0	0.4	150.2	0.1	125.3
Aug 1-Aug 4	60.0	228.0	58.2	208.4	51.1	176.4
Aug 5-Aug 11	46.8	274.8	43.5	251.9	37.4	213.8
Aug 12-Aug 13	35.1	309.9	21.3	273.2	12.4	226.2
Aug 14-Aug 18	37.5	347.4	17.4	290.6	25.5	251.7
Aug 19-Aug 25	40.8	388.2	32.3	322.9	31.7	283.4
Aug 26-Aug 31	14.1	402.3	28.3	351.2	36.4	319.8
Sept 1	3.3	405.6	4.1	355.3	6.8	326.6
Sept 2-Sept 8	21.9	427.5	22.3	377.6	41.7	368.3
Sept 9-Sept 15	7.9	435.4	13.1	390.7	26.3	394.6
Sept 16-Sept 22	13.9	449.3	2.4	393.1	0.1	394.7
Sept 23-Sept 29	9.6	458.9	23.0	416.1	15.2	409.9
Sept 30	4.0	462.9	0.6	416.7	0.6	410.5
July 1-July 31	168.0		150.2		125.3	
Aug 1-Aug 31	234.3		201.0		194.5	
Sept 1-Sept 30	60.6		65.5		90.7	
July 1-Aug 13	309.9		273.2		226.2	
Aug 14-Sept 30	153.0		143.5		184.3	

TABLE I-27

AVERAGE PRECIPITATION FOR THE COMBINED
TIGRE, GUANIPA AND MAPIRITO BASINS

Period (inclusive)	Average Precipitation (mm/day)
July 1-July 7	1.61
July 8-July 14	12.25
July 15-July 21	5.61
July 22-July 28	2.96
July 29-July 31	0.45
Aug 1-Aug 4	14.66
Aug 5-Aug 11	6.41
Aug 12-Aug 13	14.23
Aug 14-Aug 18	5.91
Aug 19-Aug 25	5.30
Aug 26-Aug 31	3.47
Sept 1	3.86
Sept 2-Sept 8	3.38
Sept 9-Sept 15	1.60
Sept 16-Sept 22	1.26
Sept 23-Sept 29	2.10
Sept 30	2.54
July 1-July 31	5.11
Aug 1-Aug 31	7.08
Sept 1-Sept 30	2.16
July 1-Aug 13	6.60
Aug 13-Sept 30	3.17
July 1-Sept 30	4.81

CHAPTER II

DATA OBTAINED FROM VENEZUELAN AGENCIES

INTRODUCTION

A large portion of the precipitation data gathered by VIMHEX was obtained directly from the Venezuelan Ministerio de Obras Públicas (M.O.P.). This government agency has a network of precipitation gages throughout the study drainage area and throughout the region covered by the radar. Many of these recording rain gages have been in operation for a number of years. The M.O.P. office at Barcelona supplied VIMHEX with the hourly precipitation records at the 30 stations shown on Figure II-1 for the period from 1 May 1969 to 30 September 1969 inclusive.

At the request of the VIMHEX Hydrology Section, the Barcelona office also installed one additional Fuess float-siphon rain gage in the study drainage area. VIMHEX personnel maintained this gage on a weekly basis during the study period. The remainder of the M.O.P. stations were maintained by M.O.P. personnel not assigned to the project. Generally M.O.P. rainfall stations are visited once a month immediately after the end of the month.

The station numbers and station names appearing with the M.O.P. precipitation data in this report are those assigned by M.O.P.

The Ministerio de Agricultura y Cria maintained a recording rain gage at their experimental farm, Campo Experimental de Guanipa, immediately to the southeast of the town of El Tigre. Copies of the raingage recording charts were supplied to VIMHEX. This station was

assigned the project station number EX 1 and the project name, Campo Experimental de Guanipa.

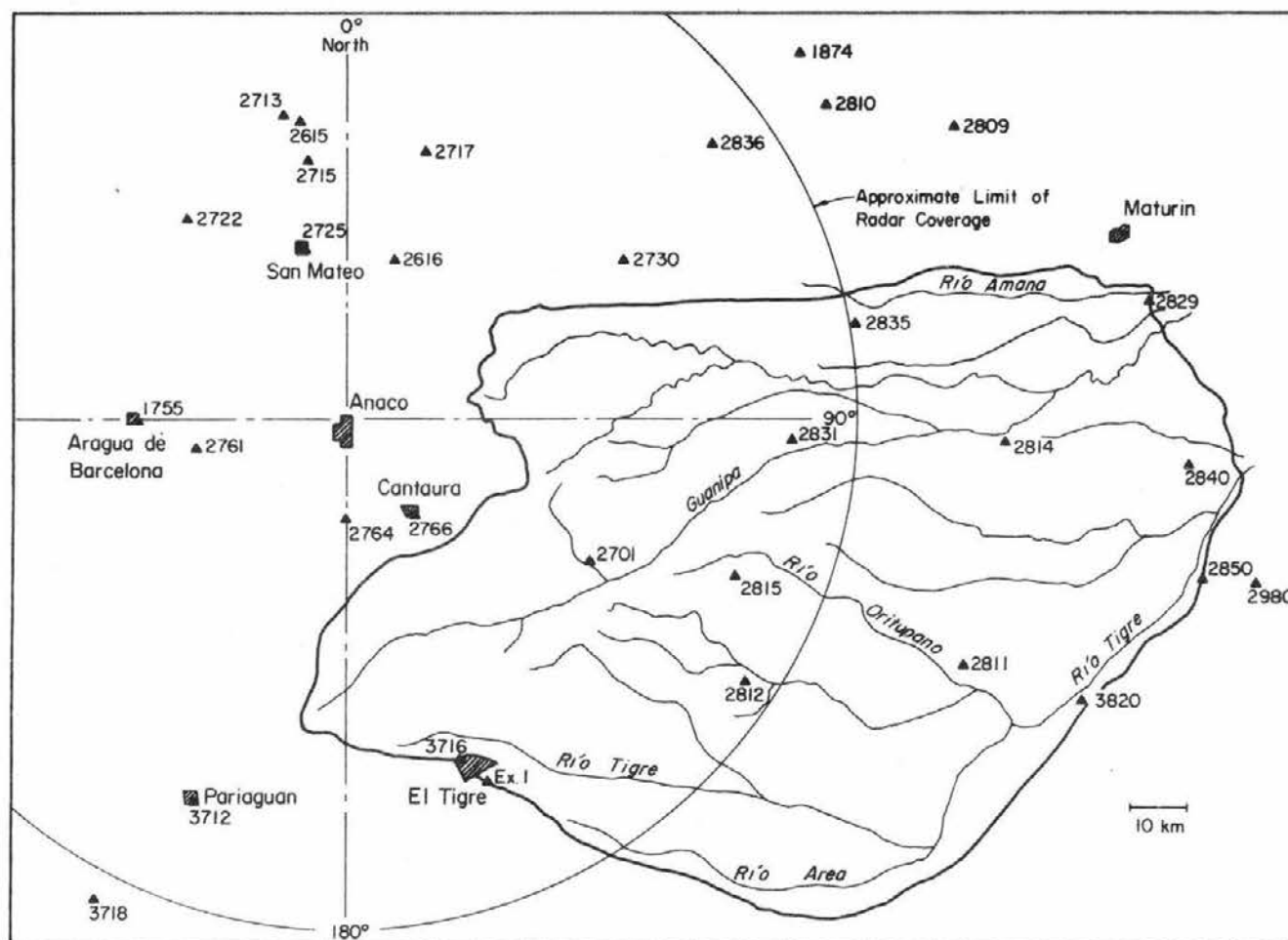


FIGURE II-1 LOCATIONS OF M.O.P. AND M.A.C. RAIN GAGES

PRECIPITATION DATA

NAME: Sta. No. 1755 Aragua de Barcelona.

LOCATION: Longitude $64^{\circ} 48'$ W, latitude $09^{\circ} 28'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 1755 ARAGUA DE BARCELONA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.
7	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	1.0	.8	1.1	.2	.4	.1	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	6.9	4.6	1.1	0.	0.	1.6	14.2
6	0.	0.	0.	0.	27.5	12.4	1.8	0.	0.	0.	0.	0.	43.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
8	0.	0.	.4	0.	0.	0.	0.	0.	0.	.5	.2	1.0	2.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.6
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	.4	5.6	36.8	1.8	44.6
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	.1	0.	.1	0.	0.	.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

STA. NO. 1755 ARAGUA DE BARCELONA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	3.3	1.0	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	3.2	3.0	3.7	0.	0.	0.	0.	0.	9.9
2	0.	0.	0.	0.	0.	0.	0.	0.	2.7	1.7	0.	0.	4.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.8	0.	0.	0.	0.	0.	0.	0.	0.	.8
6	0.	.3	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.	.7
7	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
8	0.	0.	0.	0.	0.	3.3	.1	0.	0.	0.	0.	0.	3.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	.2	4.6	1.2	0.	2.8	0.	0.	8.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	.5	.1	0.	0.	0.	0.	0.	0.	0.	2.3	2.9
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	4.5	1.0	0.	0.	0.	5.5
17	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
18	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	.4
19	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	5.8	0.	0.	0.	0.	0.	0.	0.	5.8
22	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	4.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.1	.7	0.	0.	0.	0.	0.	0.	0.	.8
25	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	.8	3.8	23.9	3.9	.1	0.	0.	0.	0.	0.	0.	32.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 1755 ARAGUA DE BARCELONA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	2.1	0.	0.	0.	0.	0.	0.	0.	.2
13	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	.1	0.	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
2	0.	0.	1.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2
3	0.	0.	0.	0.	0.	0.	0.	12.3	2.8	0.	0.	0.	15.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.	0.	1.3
7	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
8	0.	0.	0.	6.1	0.	0.	2.1	0.	16.9	0.	0.	0.	25.1
9	0.	0.	0.	30.2	10.7	0.	0.	0.	0.	0.	0.	0.	40.9
10	.6	0.	11.9	0.	0.	0.	1.4	5.8	.4	.1	0.	0.	20.2
11	1.1	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	2.1
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
13	0.	0.	0.	0.	0.	.6	7.9	.1	.2	.4	0.	0.	10.9
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
15	0.	0.	4.3	0.	0.	0.	3.3	M	M	M	M	M	M
16	12.7	0.	8.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
18	0.	0.	0.	2.0	1.1	0.	.3	0.	0.	0.	0.	0.	3.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	1.1	0.	0.	0.	0.	1.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	8.1	.1	0.	0.	0.	0.	0.	0.	0.	8.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
26	0.	0.	0.	.6	9.6	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	19.1	0.	0.	0.	0.	0.	19.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	.3
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3	2.3

PRECIPITATION DATA

STA. NO. 1755 ARAGUA DE BARCELONA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	1.4	.8	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	.5	3.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	.3	3.0	2.1	.1	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.5	8.8	M	M	M	M	M	M	M	M	M	1.5	M
2	0.	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4
3	0.	0.	0.	7.9	.1	.1	0.	2.1	M	M	M	4.4	M
4	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
5	0.	1.0	0.	0.	14.0	20.6	0.	0.	0.	0.	0.	0.	35.6
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
8	0.	0.	0.	0.	.2	2.4	.8	0.	0.	0.	0.	0.	3.4
9	0.	0.	0.	6.6	0.	0.	0.	0.	0.	0.	0.	0.	6.6
10	0.	0.	0.	0.	0.	1.0	.6	0.	0.	0.	0.	0.	1.6
11	.8	.4	.3	0.	0.	0.	0.	0.	0.	0.	.9	4.4	6.8
12	0.	0.	0.	.1	M	M	M	M	M	M	M	7.1	M
13	0.	0.	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	2.7
14	12.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	4.1	.8	.2	0.	0.	0.	0.	0.	10.6
19	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	13.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.5
21	0.	0.	.2	.2	9.8	M	M	M	M	M	M	5.9	M
22	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
23	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
24	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	.7
25	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
26	.1	.1	0.	0.	0.	0.	20.2	M	M	M	M	6.2	M
27	0.	0.	0.	0.	0.	10.6	0.	0.	0.	0.	0.	0.	10.6
28	0.	0.	24.5	24.2	4.2	3.1	.6	.4	0.	0.	0.	0.	57.0
29	0.	0.	0.	0.	0.	2.8	0.	0.	0.	0.	0.	0.	2.8
30	0.	0.	0.	0.	0.	.2	5.4	0.	0.	0.	0.	0.	5.6
31	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3

PRECIPITATION DATA

STA. NO. 1755 ARAGUA DE BARCELONA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	.1	.1
2	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	3.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	2.1	1.8	0.	0.	0.	0.	0.	0.	0.	0.	4.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	0.	0.	0.	0.	0.	0.	9.4	0.	0.	0.	9.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	2.1	4.8	0.	0.	0.	0.	0.	6.9
6	0.	2.4	0.	0.	0.	0.	0.	7.8	.1	.2	0.	0.	10.5
7	2.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
8	0.	0.	4.5	.6	1.1	.3	0.	0.	0.	0.	0.	0.	7.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	1.8	3.2	0.	0.	0.	0.	0.	0.	5.3
11	0.	0.	0.	0.	0.	0.	1.4	0.	0.	0.	0.	0.	1.4
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.6
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.1
29	0.	0.	0.	3.1	0.	0.	0.	0.	0.	0.	0.	0.	3.1
30	0.	0.	0.	0.	0.	1.5	.3	0.	0.	0.	0.	0.	1.8

PRECIPITATION DATA

NAME: Sta. No. 1874 San Antonio de Maturin.

LOCATION: Longitude $63^{\circ} 43'$ W, latitude $10^{\circ} 07'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 1874 SAN ANTONIO DE MATORIN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
9	0.	.1	.3	0.	0.	0.	.3	.2	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	1.4	2.3	.2	.2	1.1	0.	2.6	0.	2.1	0.	.3	.5
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.6	.4	1.3	0.	0.	1.7	.3	0.	0.	0.	0.
29	.4	0.	0.	2.9	4.7	.1	0.	.4	.6	.1	.1	0.
30	0.	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	5.9	.1	0.	0.	0.	0.	6.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	1.5
21	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	4.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 1874 SAN ANTONIO DE MATURIN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.2	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	.1	.2	0.	1.6	.3	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.
6	.1	0.	0.	0.	0.	0.	0.	1.5	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	.6	0.	0.	.2	0.	.6	.6
8	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	.2	.6	0.	.1	0.	0.	0.	0.
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
30	.9	.1	.2	0.	0.	0.	.2	.2	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	5.1	0.	0.	0.	0.	0.	0.	0.	0.	5.4
2	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
3	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	3.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
7	0.	0.	0.	.6	0.	0.	0.	.8	0.	0.	0.	0.	3.4
8	.1	.1	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	3.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	0.	0.	0.	1.6	.1	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	.7	4.1	0.	0.	0.	0.	0.	0.	0.	4.8
29	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	.8	1.3	.1	0.	0.	0.	0.	0.	0.	0.	0.	3.8

PRECIPITATION DATA

STA. NO. 1874 SAN ANTONIO DE MATORIN

JULY 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	.7	.2	.4	0.	.1	.1	2.8
11	1.5	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	.5	0.	0.	0.	.9	.3	.9	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.4	.1	0.
16	0.	0.	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	1.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	.7	1.7	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.2	2.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.8	.5	0.	0.	0.	0.	0.	0.	0.	1.3
10	0.	1.6	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.4
11	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	3.0
12	0.	0.	0.	0.	0.	0.	2.2	.7	0.	0.	0.	0.	2.9
13	0.	0.	0.	0.	0.	8.8	2.2	0.	0.	0.	0.	0.	11.0
14	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.	0.	2.9
15	0.	3.9	1.0	0.	0.	5.2	0.	0.	0.	0.	0.	0.	14.6
16	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.3
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
23	.1	2.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.3	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
26	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 1874 SAN ANTONIO DE MATURIN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	0.	0.	0.	.1	1.1	.5	0.	0.	.3	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2	1.0	.1
17	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	6.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	.2	.1	.3	.2	0.	0.	0.	0.	0.	0.	0.	.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	5.5	.9	1.1	0.	0.	0.	0.	0.	0.	0.	0.	6.5
6	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
7	0.	0.	.2	3.5	0.	0.	0.	0.	0.	0.	0.	0.	3.7
8	0.	2.0	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	15.2	2.8	1.0	.2	0.	0.	0.	0.	0.	0.	21.2
13	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	10.3	1.0	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1
16	6.8	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.1
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 1874 SAN ANTONIO DE MATORIN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	.3	2.2	3.5	2.7	3.5	1.1	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	0.	0.	0.	0.	0.	0.	.3	.7	0.	0.	.6	.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	.1	0.	0.	.4	1.8	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	11.4	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.3
6	0.	0.	0.	0.	5.9	6.6	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	0.	0.	15.2	10.0	0.	0.	0.	0.	0.	0.	0.	0.	25.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	.4
29	1.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
30	0.	0.	0.	0.	0.	3.5	.8	0.	0.	0.	0.	0.	6.6

PRECIPITATION DATA

NAME: Sta. No. 2615 Querecual.

LOCATION: Longitude $64^{\circ} 28'$ W, latitude $09^{\circ} 56'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2615 QUERECUAL
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.5	.1	.1	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	2.5	1.0	1.0	2.7	3.8	2.8	.5	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
6	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.2	.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	.1	.4	.1	0.	0.	0.	0.	.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	1.6	0.	0.	0.	0.	0.	0.	1.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2615 QUERECUAL
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	12.5	0.	5.2	0.	0.	0.	0.	17.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
5	0.	0.	0.	1.4	.2	0.	0.	0.	0.	0.	0.	0.	1.6
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	1.1	0.	0.	0.	.1	0.	0.	0.	0.	0.	1.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	.6
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	4.6	4.6	.7	0.	0.	0.	0.	0.	0.	0.	10.3
18	.2	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	1.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	.2	1.0
22	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2615 QURFECUAL
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.1
13	.8	0.	0.	0.	1.5	1.1	1.8	.2	0.	0.	0.	0.
14	4.4	.9	0.	.2	.2	.2	.3	1.6	.7	0.	.5	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	.5	1.4	.5	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.1	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	2.3
9	0.	0.	40.7	2.8	0.	.3	0.	0.	0.	0.	0.	0.	43.8
10	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	1.0
11	0.	0.	7.4	1.2	29.3	.8	.1	0.	0.	0.	0.	0.	39.1
12	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.1	.6
13	0.	0.	0.	0.	0.	7.0	1.3	1.3	.4	0.	0.	0.	15.4
14	0.	0.	.1	0.	0.	.1	1.1	0.	0.	0.	0.	0.	10.3
15	0.	0.	0.	0.	7.5	0.	0.	0.	0.	0.	0.	0.	7.5
16	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	0.	0.	0.	0.	1.3	1.1	0.	1.4	.1	3.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	5.5	13.5	0.	0.	0.	0.	0.	0.	0.	0.	19.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	1.9	11.5	0.	0.	0.	0.	0.	0.	0.	0.	13.4
26	0.	0.	0.	7.9	1.4	.6	.4	0.	0.	0.	0.	0.	10.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2615 QUERECUAL
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	8.6	.3	0.	0.	0.	0.	.2	.5	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.9
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	2.9	0.	0.	0.	2.1	.6	0.	0.	0.	5.6
4	0.	.2	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.9
5	0.	0.	0.	7.6	3.2	0.	0.	0.	0.	0.	0.	0.	10.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.1	.4	3.9	.7	.2	0.	0.	0.	0.	0.	0.	5.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	.6	.1	0.	0.	0.	0.	10.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	.5	.1	38.6	0.	0.	0.	0.	0.	0.	0.	39.2
15	0.	0.	0.	3.5	1.6	0.	0.	0.	0.	0.	0.	0.	5.1
16	.5	.1	0.	0.	0.	0.	0.	9.1	6.7	0.	0.	0.	27.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	.8	.4	.3	0.	0.	0.	0.	0.	0.	0.	1.5
19	0.	0.	.5	2.5	8.4	0.	0.	0.	0.	0.	0.	0.	11.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	14.1	4.6	0.	1.9	.5	0.	0.	0.	0.	21.1
24	0.	2.6	.9	3.6	19.3	.2	.1	.7	0.	0.	0.	0.	27.4
25	17.3	4.5	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.1
26	0.	0.	0.	2.1	1.5	5.9	0.	0.	0.	0.	0.	0.	9.5
27	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	3.4	0.	0.	0.	.8	.1	0.	0.	4.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2615 QUERIGUAL
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.4	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	40.0	3.5	1.5	2.3	1.0	0.	0.	0.	0.	0.	0.	0.	48.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	.1	8.2	0.	0.	0.	0.	0.	0.	8.3
11	0.	0.	2.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	.3	.1	1.0	.4	.1	0.	0.	0.	0.	1.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	1.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	2.0	.3	0.	0.	0.	0.	0.	0.	0.	2.3
24	0.	0.	0.	3.5	.3	0.	0.	0.	0.	0.	0.	0.	4.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.4	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
29	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2616 Origuan.

LOCATION: Longitude $64^{\circ} 23'$ W, latitude $09^{\circ} 43'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2616 ORIGUAN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.1	.6	0.	.1	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	11.5	7.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.3	.8
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2616 ORIGUAN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.2	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	0.	0.
24	0.	.3	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.	.6
2	0.	0.	0.	9.8	0.	0.	0.	0.	0.	0.	0.	0.	9.8
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.4	.6	0.	0.	0.	0.	0.	0.	0.	0.	1.0
7	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.6
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
15	0.	0.	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	2.5	.8	4.3
18	.3	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.1	0.	2.5	.1	0.	.1	0.	0.	0.	0.	.4	.2	4.3
22	0.	.6	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2616 ORIGUAN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	.1	1.2	.2	0.	.4	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.4	0.	0.	1.7	1.0	7.5	.4	0.	0.	0.	0.	0.
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	3.6	4.1	2.1	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	8.4	.7	.4	0.	0.	0.	0.	0.	9.5
9	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
10	1.1	0.	.3	.1	0.	0.	0.	2.4	.4	0.	0.	0.	4.3
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
12	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	.1	0.	0.	0.	0.	.1	3.6	5.7	4.6	25.1
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	0.	0.	4.1	.4	1.0	0.	0.	0.	.7	1.2	0.	0.	7.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	1.2	.4	0.	0.	0.	0.	0.	0.	0.	0.	1.6
23	0.	6.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	.3	0.	0.	.6	.9	0.	0.	0.	0.	0.	1.8
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.8
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2616 ORIGUAN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	3.8	.3	.1	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6	2.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	16.6	13.4	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
3	0.	0.	0.	0.	.1	0.	0.	4.9	.2	.1	0.	0.	5.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	3.1	.1	9.5	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	.6	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.7
12	0.	0.	.1	14.5	0.	0.	0.	0.	0.	0.	0.	0.	18.8
13	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	2.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.1	.5	0.	0.	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	.9	.3	.1	.5	0.	0.	0.	0.	0.	1.8
25	.3	.7	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	14.1	0.	.2	.9	.5	0.	0.	0.	0.	0.	0.	15.7
29	0.	0.	0.	0.	0.	.4	.9	0.	0.	0.	0.	0.	1.3
30	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2616 ORIGUAN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	M	M	M	M	M	M	M	M	M	M	M	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	1.3	.1	.1	.1	0.	0.	0.	0.	0.	1.6
7	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
8	0.	0.	8.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	2.2	11.0	.7	0.	0.	0.	0.	0.	13.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	.8	1.0	12.0	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	1.5	0.	0.	1.7	0.	0.	0.	0.	3.2
29	0.	.1	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2701 Campo Mata.

LOCATION: Longitude $64^{\circ} 02' W$, latitude $09^{\circ} 12' N$.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2701 CAMP MATA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	1.1	.4	.3	.1	0.	1.8	3.7	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
24	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
6	4.0	5.3	0.	0.	0.	0.	0.	0.	8.6	0.	0.	0.	17.9
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	.2	1.1	0.	.2	.3	1.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.4
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	2.8	3.5	0.	0.	0.	0.	0.	0.	0.	0.	6.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1	.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	.2	2.7
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2701 CAMPO MATA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1	.4	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.1	0.	.3	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	8.0	6.9	.1	0.	0.
18	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.2	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	.3	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.
24	0.	0.	0.	.1	0.	0.	0.	0.	0.	.2	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	4.9	0.	12.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.2
6	0.	.2	21.4	1.7	0.	0.	0.	0.	0.	0.	0.	.1	23.5
7	0.	0.	0.	3.4	5.3	0.	0.	0.	0.	0.	0.	0.	9.3
8	0.	0.	0.	0.	.9	7.0	0.	0.	0.	0.	0.	0.	7.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
17	.6	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	.1	15.8
18	0.	0.	3.3	0.	0.	2.1	0.	0.	0.	0.	0.	0.	5.7
19	0.	0.	0.	0.	0.	0.	0.	2.8	0.	0.	0.	0.	2.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	1.4	0.	0.	1.5	2.7	1.1	.8	.1	7.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
24	0.	0.	16.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.7
25	0.	0.	0.	0.	7.8	.4	0.	0.	0.	0.	0.	0.	8.2
26	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.	1.7
30	0.	0.	.5	2.4	.7	17.7	1.0	.5	0.	.3	0.	0.	23.1

PRECIPITATION DATA

STA. NO. 2701 CAMPO MATA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	1.5	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	1.1
13	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	0.	0.	.7	.2	1.0	.1	.6	0.	2.2	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.6	0.
17	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.4	2.6
18	0.	0.	0.	1.3	0.	0.	.1	0.	0.	0.	0.	5.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	2.6	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	1.0	.1	.8	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
2	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	11.1	0.	0.	0.	0.	11.1
5	0.	0.	0.	0.	0.	0.	5.8	0.	0.	0.	0.	0.	5.8
6	0.	0.	0.	0.	0.	0.	17.2	.1	0.	0.	0.	0.	17.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	1.4	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
10	.3	0.	0.	0.	0.	22.9	.3	.8	.1	0.	0.	0.	24.6
11	0.	.1	0.	2.3	1.1	.3	0.	0.	0.	0.	0.	0.	3.8
12	.2	.4	0.	0.	0.	0.	1.0	4.0	.2	0.	0.	0.	8.9
13	0.	0.	.5	4.4	2.8	.6	0.	.4	.7	2.3	1.2	0.	13.1
14	0.	0.	0.	.4	0.	0.	0.	1.1	6.5	3.5	3.4	0.	19.7
15	0.	0.	0.	0.	0.	5.0	16.1	1.4	.2	0.	0.	0.	22.7
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.5	11.3
17	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.4
18	20.9	3.6	.3	.1	0.	0.	0.	0.	0.	0.	0.	0.	32.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.2	0.	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.3
23	0.	0.	0.	0.	0.	.1	.3	0.	0.	0.	0.	0.	.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	3.2
26	0.	0.	0.	1.3	0.	2.2	0.	0.	0.	0.	0.	0.	3.5
27	0.	0.	1.1	0.	.8	0.	0.	0.	0.	0.	0.	0.	3.8
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	3.0	1.4	0.	0.	0.	0.	0.	0.	0.	4.4

PRECIPITATION DATA

STA. NO. 2701 CAMPO MATA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.2
12	0.	8.3	21.0	4.1	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	.2	.1	0.	0.	0.	0.	20.2
20	0.	0.	0.	0.	0.	0.	1.9	0.	0.	1.4	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	4.4	4.9	1.2	0.	0.	.2	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.6	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	1.9
2	0.	0.	3.1	0.	0.	0.	0.	0.	.8	2.3	.1	0.	7.9
3	0.	1.6	22.6	0.	.1	0.	.5	4.3	4.4	.7	0.	0.	34.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	.8
7	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	.1	0.	0.	3.9	0.	1.5	1.1	0.	.2	0.	0.	0.	7.7
9	0.	.6	0.	0.	.4	.1	0.	0.	0.	0.	0.	0.	1.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	.4	6.0	17.0	.8	24.7
12	0.	0.	0.	.8	4.5	0.	0.	0.	0.	0.	0.	0.	38.7
13	0.	2.8	11.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	17.3
14	6.6	0.	0.	6.4	0.	0.	0.	0.	0.	0.	0.	0.	13.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.3	0.	0.	0.	.1	.6	.1	0.	1.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.2	0.	0.	1.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
21	2.5	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
22	0.	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4
23	1.8	1.4	.5	26.2	6.5	5.6	.2	.6	.1	.3	0.	0.	53.9
24	0.	1.1	0.	.4	.1	0.	0.	0.	1.0	1.1	1.0	.3	5.0
25	0.	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.9
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	5.2	0.	.5	.1	0.	0.	0.	0.	0.	0.	5.8
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
31	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

STA. NO. 2701 CAMPO MATA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	2.0	.1	0.	1.3	.8	.4	.2	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0	8.0
7	0.	0.	0.	.2	.2	1.3	2.5	0.	.1	0.	0.	0.	4.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8	6.6	7.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	.1	10.7	.1	0.	0.	0.	0.	0.	0.	0.	0.	10.9
11	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	.2	.2	0.	.1	0.	0.	0.	0.	0.	.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7	.3	.3	10.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	5.1	0.	0.	0.	0.	0.	5.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2713 Curataquiche.

LOCATION: Longitude $64^{\circ} 34'$ W, latitude $09^{\circ} 58'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2713 CURATAQUICHE
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	.5	1.5	2.3	5.8	.6	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	5.6	0.	0.	0.	0.	0.	0.	0.	0.	5.8
6	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.7
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.	2.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	7.6	1.7	0.	0.	0.	0.	0.	9.3
21	0.	0.	0.	0.	0.	0.	0.	.2	.1	0.	0.	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	1.2	0.	0.	0.	31.9	1.4	0.	0.	0.	0.	34.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2713 CURATAQUICHE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	1.4	1.7	.4	3.3	.5	0.	0.	7.3
2	1.2	0.	2.9	.2	0.	0.	0.	0.	0.	0.	0.	0.	4.4
3	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
4	0.	0.	0.	2.8	5.0	0.	0.	0.	0.	0.	0.	0.	7.8
5	0.	0.	5.8	11.8	5.4	0.	0.	0.	0.	0.	0.	0.	23.0
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.0	4.1	6.7	0.	0.	0.	0.	0.	0.	0.	0.	11.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	.7
13	0.	0.	0.	0.	0.	1.8	0.	0.	0.	0.	0.	0.	1.8
14	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	1.4
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	6.5	0.	0.	0.	0.	0.	0.	0.	6.5
22	0.	0.	.2	0.	1.8	0.	0.	0.	.3	0.	.7	0.	3.1
23	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	.4	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.9
29	0.	0.	10.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2713 CURATAQUICHE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	.4	0.	0.	1.2	0.	0.	0.	0.	0.
14	3.6	.6	.1	0.	0.	0.	0.	1.1	.1	0.	.4	0.
15	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
27	0.	0.	0.	.1	0.	0.	0.	0.	0.	.4	.6	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	11.8	0.	0.	0.	0.	0.	11.8
7	0.	0.	4.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
8	0.	5.5	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
9	0.	0.	0.	.5	1.9	0.	.1	0.	0.	0.	0.	0.	2.5
10	0.	0.	0.	0.	.8	0.	0.	0.	0.	1.4	0.	0.	2.2
11	0.	0.	0.	4.0	20.1	13.3	1.0	0.	0.	0.	0.	0.	38.5
12	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	1.0	1.1
13	0.	0.	0.	0.	0.	.4	0.	.3	.3	.2	0.	4.4	7.2
14	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	6.1
15	0.	0.	0.	0.	.4	13.0	0.	0.	0.	0.	0.	0.	14.8
16	2.1	0.	0.	4.2	0.	0.	0.	0.	0.	0.	0.	0.	6.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.2	.9	1.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	1.0
22	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
23	0.	0.	0.	9.4	1.4	0.	0.	0.	0.	0.	0.	0.	10.8
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.	0.	.3
26	0.	0.	0.	0.	0.	7.4	1.4	0.	0.	0.	0.	0.	8.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2713 CURATAQUICHE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	.6	2.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
3	0.	0.	0.	0.	7.3	0.	0.	0.	.3	0.	0.	0.	8.1
4	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	0.	.1	2.5	0.	0.	0.	0.	0.	0.	0.	2.6
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	.1	0.	0.	.6	2.6	.1	0.	0.	0.	0.	0.	0.	3.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	1.5	.3	.2	0.	0.	0.	0.	0.	0.	5.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	4.1	2.4	0.	.1	4.2	0.	0.	0.	0.	0.	0.	10.8
15	0.	0.	0.	.6	.4	0.	0.	0.	0.	0.	0.	0.	1.0
16	2.9	0.	0.	0.	0.	0.	0.	8.5	5.4	0.	0.	0.	16.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	5.4	4.6	.2	.3	0.	0.	0.	0.	0.	0.	10.6
19	0.	0.	0.	.7	.5	0.	0.	0.	0.	0.	0.	0.	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	1.6	14.6	0.	0.	0.	0.	0.	0.	0.	16.2
23	0.	.2	0.	0.	78.7	.5	.1	.3	.4	0.	0.	0.	80.2
24	0.	0.	5.9	0.	0.	1.3	.4	1.0	0.	0.	0.	0.	8.6
25	0.	1.3	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
26	0.	0.	0.	0.	.9	3.7	11.6	0.	0.	0.	0.	0.	16.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	6.4	42.7	.4	0.	0.	0.	0.	0.	49.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2713 CURATAQUICHE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	.2	.5	8.3	0.	0.	0.	0.	0.	0.	0.	9.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1
4	0.	1.2	0.	1.3	0.	0.	0.	0.	0.	0.	0.	0.	2.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	5.1	1.2	5.8	0.	0.	0.	0.	0.	0.	0.	0.	12.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	1.5	.3	0.	0.	1.0	0.	0.	0.	0.	0.	0.	2.8
11	0.	0.	.2	.7	.1	.4	.1	0.	0.	0.	0.	0.	1.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	7.4	12.3	.1	0.	0.	0.	0.	0.	0.	19.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	9.3	.2	0.	0.	0.	0.	0.	0.	9.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	4.9	18.6	0.	0.	0.	0.	0.	0.	0.	23.5

PRECIPITATION DATA

NAME: Sta. No. 2715 Quiamare.

LOCATION: Longitude $64^{\circ} 32'$ W, latitude $09^{\circ} 56'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
 STA. NO. 2715 QUIAMARE
 MAY 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	2.2	2.1	3.9	1.7	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	4.3	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.9
9	0.	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	7.7
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	.4	.1	0.	0.	0.	.5
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	4.0	10.3	.1	0.	0.	0.	0.	14.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2715 QUIAMARE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.3	0.	.1	0.	.1	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	10.7	1.5	0.	22.1	.5	0.	0.	0.	34.8
2	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
5	0.	0.	6.0	1.8	.5	0.	0.	0.	0.	0.	0.	0.	8.3
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.9	4.9	7.0	0.	0.	0.	0.	0.	0.	0.	0.	13.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.4
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
18	.1	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	5.1	0.	0.	0.	0.	0.	0.	1.5	6.6
22	0.	0.	0.	1.7	0.	0.	4.4	0.	0.	.3	0.	0.	6.9
23	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	8.6	.2	0.	0.	0.	0.	0.	0.	0.	0.	8.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2715 QUIAMARE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.1	0.	0.	3.8	0.	1.5	1.1	.6	0.	0.	0.	0.
14	.3	.5	0.	0.	0.	.4	1.1	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	.1	0.	.1	1.0	1.4	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	2.5
7	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	9.9	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	9.4	3.1	0.	6.4	18.8	5.8	.2	0.	0.	0.	0.	0.	M
12	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.3
13	0.	0.	1.2	0.	2.4	.8	.3	.1	.5	0.	4.1	3.9	20.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	2.8
15	0.	0.	0.	0.	0.	1.1	0.	0.	0.	0.	0.	0.	1.3
16	0.	0.	6.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.0
17	0.	0.	0.	0.	0.	0.	0.	0.	.7	3.4	1.1	.4	5.6
18	3.9	0.	0.	0.	2.2	.7	0.	0.	0.	0.	0.	0.	6.8
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	1.8	0.	0.	0.	10.0	0.	0.	0.	0.	11.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	16.0	19.1	0.	0.	0.	0.	0.	0.	0.	0.	35.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	.1	.6	1.2	0.	0.	0.	0.	0.	1.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2715 QUIAMARE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	3.5	0.	0.	0.	0.	.1	1.2	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.0
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	8.6	.5	.2	0.	0.	0.	0.	0.	0.	9.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	3.1	8.2	2.9	0.	0.	0.	0.	0.	0.	0.	14.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	.8	2.5	1.8	0.	0.	0.	0.	0.	0.	5.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	5.6	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	2.3	0.	7.5	0.	.1	0.	0.	0.	.1	.3	6.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.7
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.5
18	0.	0.	78.1	1.1	.9	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	27.7	1.6	0.	0.	0.	0.	0.	0.	0.	0.	80.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29.3
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	.4	.4	9.2	5.7	.3	.3	.1	0.	0.	0.	0.	0.
24	.3	0.	0.	0.	1.2	.4	.8	0.	0.	0.	0.	0.	16.4
25	1.4	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
26	0.	0.	0.	0.	4.7	0.	0.	0.	0.	0.	0.	0.	2.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.2	0.	0.	.5	.7	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2715 QUIAMARE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.2	.3	.3	.2	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	0.	10.6	.4	0.	0.	0.	0.	0.	0.	0.	11.8
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	14.1	0.	0.	0.	0.	0.	0.	0.	0.	14.1
5	0.	0.	0.	0.	2.7	0.	0.	0.	0.	0.	0.	0.	2.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	57.4	17.9	2.1	.5	.5	0.	0.	0.	0.	0.	0.	0.	78.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
11	0.	.2	2.6	3.6	0.	.4	.2	0.	0.	0.	0.	0.	7.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	.3	0.	.6	.5	.1	0.	0.	0.	1.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	3.6
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	3.7	.7	0.	0.	0.	0.	0.	0.	0.	0.	4.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	9.6	5.3	0.	0.	0.	0.	0.	0.	0.	14.9

PRECIPITATION DATA

NAME: Sta. No. 2717 Santa Inés.

LOCATION: Longitude $64^{\circ} 20'$ W, latitude $09^{\circ} 54'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2717 SANTA INES
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	11.2	3.1	1.0	1.7	1.4	1.1	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6	8.6
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.6	0.	0.	0.	0.	2.9	1.4	0.	0.	0.	4.9
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2717 SANTA INES
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
18	.4	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	1.4	.6	.1	.2	.5	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	.4
2	0.	0.	3.8	2.5	0.	0.	0.	0.	0.	0.	0.	0.	6.3
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	1.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.9	0.	0.	0.	0.	0.	0.	0.	1.9
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.6
18	0.	0.	0.	0.	0.	0.	0.	0.	1.1	.1	0.	0.	2.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
23	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	M	M	M	1.0	0.	0.	0.	0.	0.	M

PRECIPITATION DATA

STA. NO. 2717 SANTA INES
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	.7	1.3	6.9	.2	.1	0.	0.	0.	0.
14	0.	.1	0.	.4	1.1	.7	.7	5.7	.4	1.1	2.0	.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3	4.1	.3
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	2.8	5.8	0.	0.	0.	0.	0.	0.	8.6
9	0.	4.4	6.8	0.	0.	0.	.1	0.	0.	0.	0.	0.	11.3
10	0.	0.	0.	0.	0.	0.	0.	0.	2.1	0.	0.	0.	2.1
11	0.	0.	1.0	12.6	39.1	13.6	0.	0.	0.	0.	0.	0.	67.3
12	0.	0.	.1	0.	0.	.2	0.	0.	0.	0.	0.	0.	.3
13	0.	.1	0.	0.	.1	0.	7.4	.1	.2	0.	.1	0.	17.2
14	0.	0.	0.	0.	0.	.1	1.1	0.	0.	0.	0.	0.	14.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	.1	.1	.5
18	.1	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.1	18.3	0.	0.	0.	0.	0.	0.	0.	0.	18.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
25	0.	0.	2.7	21.0	0.	0.	0.	0.	0.	0.	0.	0.	23.7
26	0.	0.	0.	0.	0.	0.	0.	2.8	1.4	.2	0.	0.	4.4
27	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	6.9
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2717 SANTA INES
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	3.9	0.1	0.	0.	0.	0.1	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1	0.
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.8	0.	0.	0.2	2.8	0.	0.	0.	0.	6.3
4	0.	0.	0.	0.4	0.	0.	0.	0.	0.	0.	0.	0.	0.4
5	0.	0.	0.4	29.2	0.	0.	0.	0.	0.	0.	0.	0.	29.6
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.1	0.	0.	0.	0.	0.	0.	0.1
8	3.4	0.	12.4	5.7	0.6	0.	0.	0.	0.	0.	0.	0.	22.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1	13.1
12	0.	0.	0.	0.	0.	0.2	0.	0.	0.	0.	0.	0.	5.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1
15	0.	0.	6.5	3.2	0.3	0.	0.	0.	0.	0.	0.	0.	10.0
16	0.	0.7	0.	1.0	10.9	0.	0.	0.	0.	0.	0.	0.	12.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	5.8	10.6	0.4	0.	0.	0.	0.	0.	0.	0.	0.	16.8
19	0.	0.	0.	0.	0.	4.3	0.	0.	0.	0.	0.	0.	4.3
20	0.	0.	0.	0.	0.	0.	0.	2.1	0.	0.	0.	0.	2.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	4.4	0.	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
29	0.	1.2	0.	0.	0.	0.	0.2	0.4	0.	0.	0.	0.	1.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2717 SANTA INES
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.1	0.3	0.	0.	0.	0.	0.	0.	0.	0.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.2	0.	0.	0.	0.	0.	0.	0.	0.	0.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	13.9	19.2	2.6	3.1	0.	0.	0.	0.	0.	0.	0.	0.	41.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	1.2	0.8	0.6	1.7	1.0	0.	0.	0.	0.	5.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	4.4	0.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.9	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2722 El Carito.

LOCATION: Longitude $64^{\circ} 44'$ W, latitude $09^{\circ} 47'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2722 EL CARITO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
7	0.	0.	0.	4.2	2.9	1.8	.1	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	.2	0.	0.	0.	.7	.6	0.	0.	1.6
6	.1	.1	2.5	0.	3.8	0.	0.	0.	0.	0.	0.	.1	7.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.6	.4	30.5	11.8	0.	0.	0.	0.	43.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2722 EL CARITO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.7	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	0.	3.3	1.4	0.	0.	0.	.5	0.	0.	0.	5.4
2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
3	0.	0.	0.	3.1	0.	0.	0.	0.	0.	0.	0.	0.	3.1
4	0.	0.	0.	3.4	8.2	0.	0.	0.	0.	0.	0.	0.	11.6
5	.8	3.0	.4	2.1	1.3	.2	0.	0.	0.	0.	0.	0.	7.8
6	0.	0.	0.	3.9	.1	0.	0.	0.	0.	0.	0.	0.	4.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	0.	5.4	4.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	.1	5.2	0.	0.	.1	2.3	0.	0.	0.	7.7
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	.5	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
18	0.	0.	2.6	1.2	0.	0.	0.	0.	0.	0.	0.	0.	6.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	.5	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
22	0.	.3	0.	.5	0.	0.	0.	0.	0.	0.	0.	4.8	5.9
23	0.	2.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	.7
26	0.	0.	.1	0.	4.9	0.	0.	0.	0.	0.	0.	0.	5.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	2.2	3.3	.2	0.	0.	0.	0.	0.	0.	0.	5.9
30	0.	0.	0.	2.8	0.	0.	0.	0.	0.	0.	0.	0.	2.8

PRECIPITATION DATA
STA. NO. 2722 EL CARITO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
11	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.2	.1	.1	0.	0.	.1	0.	0.	0.	0.
14	0.	.8	1.7	4.9	.4	0.	0.	0.	0.	.3	.6	0.
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6	.2	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.1	0.	.2	0.	2.1	0.	0.	0.	0.	0.	0.	2.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	1.1	0.	0.	0.	0.	.4	0.	0.	0.	0.	1.5
8	0.	0.	18.8	26.8	.5	0.	0.	0.	0.	0.	0.	0.	46.1
9	0.	.7	.4	4.0	2.4	0.	0.	0.	0.	0.	0.	0.	7.5
10	0.	0.	0.	0.	0.	0.	0.	1.1	0.	.7	0.	0.	1.9
11	.1	1.2	1.2	0.	0.	8.0	0.	0.	0.	0.	0.	0.	10.7
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.1	.4
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	8.8
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
17	0.	.3	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	.9
18	.1	0.	1.4	1.5	.1	0.	0.	0.	0.	0.	0.	0.	3.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	4.2	0.	.3	0.	0.	0.	0.	0.	0.	0.	4.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2722 EL CARITO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2722 FI CARITO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	.2	.2	0.	0.	0.	0.	0.
25	0.	2.8	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	3.5	0.	0.	0.	0.	0.	0.	0.	0.	3.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	4.4	.9	0.	0.	0.	0.	0.	0.	0.	0.	5.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	7.1	1.1	0.	0.	0.	0.	0.	0.	0.	0.	8.2
11	0.	0.	0.	0.	0.	1.5	.3	0.	0.	0.	0.	0.	1.8
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	3.9	.1	0.	0.	0.	0.	0.	4.0
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	4.1	1.8	0.	0.	0.	0.	0.	0.	5.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.8	0.	0.	0.	0.	0.	0.	0.	2.8

PRECIPITATION DATA

NAME: Sta. No. 2725 San Mateo.

LOCATION: Longitude $64^{\circ} 33'$ W, latitude $09^{\circ} 44'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2725 SAN MATEO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.2
7	0.	.4	4.8	3.9	6.0	1.2	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2	.1	.1	2.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2725 SAN MATEO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	9.0	.3	0.	0.	0.	0.	9.3
2	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
3	.9	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	10.9	0.	0.	0.	0.	0.	0.	0.	0.	10.9
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.6	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2
9	0.	0.	0.	0.	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2725 SAN MATEO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	1.0	.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	.1	0.	0.	.4	.2	.9	0.	0.	0.	0.	0.
14	1.2	.9	.4	.8	1.5	.8	.2	0.	1.7	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.1	.3	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	13.1	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	4.5	0.	0.	0.	.2	.1	0.	0.	0.
27	12.1	2.4	.2	0.	0.	0.	0.	0.	0.	0.	5.8	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.2	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	9.4	0.	0.	0.	0.	0.	0.	9.4
8	0.	.2	0.	0.	0.	1.6	0.	.2	0.	0.	0.	0.	2.0
9	.2	.4	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
10	0.	0.	0.	0.	0.	0.	0.	1.5	1.0	0.	0.	0.	4.6
11	0.	0.	0.	10.9	4.7	0.	0.	0.	0.	0.	0.	0.	15.6
12	0.	.1	.3	0.	0.	0.	.1	0.	0.	0.	0.	0.	.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	3.2	9.6
14	0.	0.	0.	0.	0.	0.	0.	.3	.2	0.	6.6	1.8	16.4
15	0.	0.	0.	0.	1.6	4.4	0.	0.	0.	0.	0.	0.	6.0
16	0.	7.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.4
17	0.	0.	13.0	8.6	.1	.3	0.	0.	0.	1.3	.4	0.	23.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	4.0	3.2	.4	0.	0.	0.	0.	0.	0.	0.	0.	7.6
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1
26	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	1.1	6.0	12.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.5
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2725 SAN MATEO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
3	0.	0.	1.6	3.0	0.	0.	0.	0.	0.	0.	0.	0.	6.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	2.6	10.5	0.	0.	0.	0.	0.	0.	0.	0.	13.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	12.3	1.8	0.	0.	0.	0.	0.	0.	0.	0.	24.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 2725 SAN MATEO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.4	9.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	12.8	5.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	38.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

NAME: Sta. No. 2730 Urica.

LOCATION: Longitude $64^{\circ} 00'$ W, latitude $09^{\circ} 43'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2730 URICA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	.3	1.0	0.	2.9	0.	1.0	.1	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	1.4	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	8.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	1.5	.1	.5	.5	0.	0.
29	0.	0.	0.	1.0	0.	.8	0.	.1	3.3	0.	0.	.6
30	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.3
21	1.4	0.	0.	0.	3.3	12.0	.1	0.	0.	0.	0.	0.	25.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA
STA. NO. 2730 URICA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1	1.7	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.
7	0.	0.	.1	.6	1.1	0.	0.	0.	0.	0.	3.1	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	4.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	0.	0.	0.	0.	0.	2.4	.4	2.6	8.0
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.3
23	0.	0.	0.	0.	0.	0.	1.4	0.	0.	.1	.7	2.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	4.7	0.	0.	.4	0.	0.	0.	0.	0.	0.	5.5
7	.3	0.	0.	0.	6.0	0.	0.	0.	0.	0.	0.	0.	11.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	1.7	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.7
15	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	10.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	23.8
18	0.	6.4	1.0	0.	0.	0.	0.	1.7	0.	0.	0.	0.	9.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	.4	.3	0.	1.0	4.2	0.	5.9
22	0.	.4	0.	1.3	0.	0.	0.	0.	0.	0.	0.	0.	2.1
23	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	.3	0.	5.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.2	6.1	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2730 URICA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	1.0	0.	0.	.3	0.	.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.7	.1	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	5.2	3.2	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	1.2	1.0	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.6	0.	0.
16	0.	0.	0.	0.	0.	.8	.8	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	.3	1.5	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.4	8.5	4.7
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	.7	1.6	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	3.7	6.6	3.1	.1	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	.1	0.	8.9	0.	0.	0.	0.	8.0	.1	0.	0.	0.	14.1
11	0.	.4	2.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	12.4
12	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.4
14	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	.1	0.	3.0
15	0.	.7	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	5.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
17	0.	0.	0.	0.	0.	0.	.8	.3	1.0	.1	0.	0.	2.2
18	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.7
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	3.8
23	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	13.8
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2730 URICA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	.2	2.4	.3	.2	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	5.2	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2	.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	1.3	.1	3.1	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6	.4	2.0
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	.4
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.1	.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6
2	0.	0.	.6	0.	0.	0.	.2	.2	.2	0.	0.	0.	8.1
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
7	0.	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	4.3	.2	0.	0.	0.	0.	0.	0.	0.	9.0
13	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
14	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	.1	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	.2	.2	.2	0.	0.	.1	1.2	.4	0.	0.	0.	2.3
19	0.	.3	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
20	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	.6	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.7
24	0.	0.	0.	0.	4.5	.1	0.	0.	0.	0.	0.	0.	4.6
25	0.	5.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
29	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4

PRECIPITATION DATA

STA. NO. 2730 URICA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2	1.5	.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	.7	.4	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	1.2	4.3	.2	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
5	0.	0.	10.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.9
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	5.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
8	.3	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.	0.	.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
11	3.0	2.9	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.	6.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2
17	0.	0.	0.	.3	.5	0.	0.	0.	0.	0.	0.	0.	.8
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.5	2.0	0.	2.0	.5	0.	0.	0.	5.0
24	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6
25	0.	.1	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2761 Guayabal.

LOCATION: Longitude $64^{\circ} 43'$ W, latitude $09^{\circ} 25'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2761 GUAYABAL
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.3	.1	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
7	0.	3.8	0.	2.7	2.0	.1	.1	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	1.7	.5	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
5	0.	0.	0.	.6	0.	6.7	.1	2.6	0.	0.	.3	2.4	12.7
6	0.	0.	0.	0.	0.	.6	.8	0.	0.	0.	0.	.1	2.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.2
8	0.	0.	1.7	0.	0.	0.	0.	0.	2.1	1.7	1.7	1.2	8.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	2.3	0.	0.	0.	0.	.1	0.	0.	0.	0.	2.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2761 GUAYABAL
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9	.2	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	.1	.4	4.2	.8	.2	0.	0.	1.1	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	1.2	11.9	.8	.8	.5	0.	0.	0.	15.2
2	0.	0.	0.	0.	0.	0.	2.6	11.3	0.	0.	0.	.1	14.1
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.8	0.	0.	0.	0.	0.	0.	0.	1.8
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	.9	0.	0.	0.	.2	0.	0.	1.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	0.	0.	4.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	.1	0.	0.	0.	0.	0.	0.	0.	0.	.5	10.1	0.	10.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	2.3	.6	0.	0.	0.	0.	0.	2.9
17	0.	0.	0.	0.	0.	0.	0.	0.	.1	.2	0.	0.	2.4
18	0.	.7	.8	.1	0.	0.	0.	0.	0.	0.	0.	0.	1.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	.5	0.	.5	.2	.4	1.6
22	0.	0.	0.	.4	.1	.2	0.	0.	0.	0.	0.	0.	7.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.8	.1	0.	0.	0.	0.	0.	0.	0.	1.3
25	0.	0.	0.	0.	0.	.4	.1	0.	0.	0.	0.	0.	.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	1.4	4.8	4.0	19.3	0.	0.	0.	0.	0.	0.	0.	29.5
30	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2

PRECIPITATION DATA

STA. NO. 2761 GUAYABAL
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	.1	0.	0.	0.	0.	0.	.1	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
27	0.	0.	0.	0.	0.	0.	11.7	.1	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	1.3	5.1	0.	0.	.1	0.	6.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	.1	0.	0.	0.	0.	0.	2.1	0.	0.	0.	0.	0.	2.2
6	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
7	0.	0.	0.	0.	0.	0.	1.5	0.	0.	0.	.1	0.	1.6
8	.3	0.	.1	0.	0.	.5	4.2	2.8	2.5	0.	0.	0.	10.4
9	0.	0.	.3	.3	6.2	0.	0.	0.	0.	0.	0.	0.	7.0
10	0.	1.5	.1	0.	0.	0.	4.4	1.0	1.7	.7	0.	0.	9.4
11	33.6	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	40.7
12	0.	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	9.6	1.0	.3	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.0
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.8
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	2.8	0.	0.	0.	0.	.2	1.4	0.	0.	4.4
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

STA. NO. 2761 GUAYABAL
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	.2	0.	0.	.6	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9	.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	.4	16.9	3.0	.8	.2	0.	0.	0.	0.	0.
19	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	3.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	1.3	0.	0.	0.	22.2	.2	0.	0.	0.	0.	0.	0.	23.7
6	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	.4
7	0.	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	1.9	0.	.1	0.	0.	0.	0.	0.	0.	0.	2.0
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	14.9	.6	0.	0.	0.	0.	0.	16.8
19	.8	0.	6.0	0.	0.	0.	0.	0.	.1	0.	0.	0.	10.2
20	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	.6
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.5	.2	.3	.1	0.	0.	0.	0.	0.	0.	1.1
23	1.6	2.9	1.4	0.	0.	.2	1.9	.4	0.	0.	0.	0.	8.4
24	0.	0.	0.	0.	0.	0.	10.9	.1	0.	.1	0.	0.	11.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	8.2	0.	0.	0.	0.	0.	8.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.2	0.	16.4	5.7	2.6	.2	.3	0.	.1	M	M	v
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	.2	2.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3

PRECIPITATION DATA

STA. NO. 2761 GUAYABAL
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	.3	1.7	3.3	.1	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.7	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	.6	.1	0.	.2	.5	0.	0.	0.	0.	.1	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8	11.9	1.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.2	0.	1.6	.2	0.	0.	0.	0.	0.	0.	0.	0.	2.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.7	0.	0.	5.7
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
6	0.	0.	0.	0.	0.	0.	5.1	4.9	0.	0.	0.	0.	10.0
7	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
8	0.	0.	4.6	.4	1.1	0.	0.	0.	.5	0.	0.	0.	6.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	10.7	M	M	M	M	M	M
11	0.	0.	0.	0.	.1	.5	.1	.3	0.	0.	.1	0.	1.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	.8
23	0.	.4	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	.8
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	2.0	.1	0.	0.	0.	2.1
29	0.	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.5
30	0.	0.	0.	11.9	.5	0.	0.	0.	0.	0.	0.	0.	12.4

PRECIPITATION DATA

NAME: Sta. No. 2764 San Joaquín.

LOCATION: Longitude $64^{\circ} 28'$ W, latitude $09^{\circ} 16'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2764 SAN JOAQUIN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.2	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	16.2	20.2	21.2	.3	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	.9	2.1	.6	.2	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
5	0.	0.	0.	0.	0.	0.	1.8	0.	0.	0.	.9	.7	3.4
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	57.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.9	1.4	1.7	10.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.7	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	1.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	3.9	0.	0.	0.	.6	0.	0.	0.	0.	4.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2764 SAN JOAQUIN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	3.7
18	.1	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.8	0.	0.	1.5	0.	.2	0.	0.	.1	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.7	0.	0.	6.3	7.6	0.	0.	0.	.1	14.7
2	0.	0.	0.	0.	0.	6.7	2.5	14.4	0.	0.	0.	0.	23.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	6.4	1.1	0.	0.	0.	0.	0.	0.	0.	0.	7.5
7	0.	0.	0.	0.	1.2	.1	0.	0.	0.	0.	0.	0.	1.4
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	8.2	0.	14.1	.1	0.	0.	0.	0.	0.	0.	.2	2.2	28.8
18	0.	0.	1.7	.4	.1	0.	0.	.3	0.	0.	0.	0.	2.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	.4	.2	.3	0.	0.	.6	1.5
22	.1	0.	0.	0.	0.	3.7	0.	0.	0.	0.	0.	0.	6.4
23	0.	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.	0.	.2
24	0.	0.	3.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
25	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
26	0.	0.	0.	0.	1.6	0.	0.	0.	0.	0.	0.	0.	1.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	.5	2.5	2.3	.3	.1	0.	0.	5.7

PRECIPITATION DATA

STA. NO. 2764 SAN JOAQUIN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.
13	1.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	1.0	.5	6.0	1.3	2.7	.5	.9	.2	1.3	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	.1	0.	0.	0.	0.	0.	.3	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	1.0	.8	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	8.5	8.8	21.5	2.0	.1	0.	0.	40.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	9.3	1.2	1.7	.8	0.	0.	14.8
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	3.8	0.	0.	0.	0.	.5	0.	0.	0.	0.	5.3
13	0.	0.	0.	7.4	14.9	0.	0.	0.	0.	.6	0.	0.	24.8
14	0.	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	15.3
15	0.	0.	0.	0.	.1	8.9	7.9	.5	0.	0.	0.	0.	17.4
16	0.	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	1.1
17	0.	0.	0.	0.	0.	0.	.1	.6	0.	1.2	.2	0.	2.1
18	0.	0.	0.	0.	0.	0.	4.6	2.3	0.	0.	0.	0.	6.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
26	0.	3.9	1.6	0.	0.	0.	0.	.3	0.	0.	0.	0.	5.8
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2764 SAN JOAQUIN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.3	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	5.2	3.6	.5	.1	.1	.1	0.	0.	0.	.1	.4	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.1	1.1	13.1
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
3	.4	0.	0.	9.6	0.	0.	3.7	17.4	11.6	.5	0.	0.	43.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	11.4	.1	0.	0.	0.	0.	0.	12.9
6	0.	0.	0.	7.3	0.	0.	0.	0.	0.	0.	0.	0.	7.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.1	.5	2.3	1.5	0.	0.	0.	.1	0.	0.	0.	5.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	6.8	0.	0.	0.	0.	0.	0.	0.	2.2	5.8	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	3.8	1.0	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	5.0
15	0.	0.	0.	0.	7.2	1.1	.1	0.	0.	0.	0.	0.	8.4
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	.1	0.	.7	0.	0.	0.	0.	0.	0.	10.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	.4	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.	1.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	4.8	1.3	0.	0.	.9	1.4	.2	0.	0.	0.	0.	0.	8.6
24	0.	0.	1.2	.3	0.	.9	.1	0.	0.	0.	0.	0.	2.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	3.8	0.	0.	0.	56.2	2.8	0.	0.	0.	0.	0.	0.	72.9
29	0.	0.	0.	.8	.5	.4	0.	5.5	1.3	0.	0.	0.	8.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2764 SAN JOAQUIN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.1	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.4	.7	2.0	1.8	.4	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	4.8	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	2.8	0.	0.	0.	0.	0.	0.	0.	2.8
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
8	0.	0.	15.0	1.3	.4	0.	0.	0.	0.	.1	0.	0.	16.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
11	0.	0.	0.	1.3	4.0	0.	.1	0.	0.	0.	0.	0.	5.4
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6	2.6
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	1.1	.1	1.1	.9	1.1	.8	.2	0.	0.	0.	0.	5.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
22	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2
23	0.	0.	0.	0.	0.	.1	0.	0.	.2	0.	0.	1.7	2.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	.6	0.	0.	3.8	1.6	.1	0.	0.	.5	0.	0.	0.	6.6
29	.6	0.	0.	0.	4.0	0.	0.	0.	0.	0.	0.	0.	4.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2766 Cantaura.

LOCATION: Longitude $64^{\circ} 21'$ W, latitude $09^{\circ} 18'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2766 CANTAURA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.1	0.	0.	.1	.3	0.	0.	0.	0.	0.
6	0.	0.	.5	.1	0.	0.	0.	0.	0.	0.	0.	.2
7	21.3	2.1	0.	96.5	.2	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	.3	1.5	.8	.2	.1	0.	0.	.2	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.7	.1	1.1
5	0.	0.	0.	0.	0.	0.	0.	.1	1.0	0.	0.	.6	2.2
6	0.	0.	11.7	0.	0.	0.	0.	0.	0.	0.	0.	.6	13.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	120.1
8	0.	0.	0.	0.	0.	0.	0.	0.	8.0	1.2	2.3	2.6	14.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.6	.1	1.4	0.	0.	3.8	0.	0.	0.	0.	0.	0.	5.9
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	1.1	3.9	0.	0.	1.0	1.0	0.	0.	.1	7.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2766 CANTAURA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	.1	0.	0.	.2	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	2.1	0.	.2	1.6
18	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.
22	.3	.1	0.	8.0	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
2	0.	0.	0.	0.	0.	6.0	0.	0.	0.	0.	0.	0.	6.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	3.1	.3	0.	0.	0.	0.	0.	0.	0.	0.	3.4
7	0.	0.	0.	.7	10.4	0.	0.	0.	0.	0.	0.	0.	11.1
8	0.	0.	0.	0.	0.	.1	2.3	.3	0.	0.	0.	0.	2.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
17	0.	2.8	6.9	0.	0.	0.	0.	0.	0.	0.	.3	.8	14.7
18	0.	1.6	.8	3.1	0.	0.	.1	0.	0.	0.	0.	.1	5.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	1.6	0.	7.1	.7	0.	1.4	.7	.2	0.	1.2	.8	.5	14.5
22	0.	0.	0.	0.	.1	0.	0.	0.	0.	.2	0.	0.	8.7
23	0.	0.	0.	0.	.8	1.4	.6	.5	0.	0.	0.	0.	3.3
24	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.6
25	0.	0.	0.	.6	0.	1.6	0.	0.	0.	0.	0.	0.	2.2
26	0.	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	1.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	3.6	0.	0.	0.	0.	0.	0.	0.	0.	3.6
30	0.	0.	0.	0.	.7	1.5	2.5	2.7	.6	.1	0.	0.	8.1

PRECIPITATION DATA
STA. NO. 2766 CANTAURA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.8
10	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	7.4	0.
11	0.	0.	0.	0.	0.	0.	0.	.1	.1	0.	0.	.4
12	0.	0.	0.	.5	2.9	.1	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
14	.3	.4	.8	2.6	3.0	.5	.5	.3	.8	2.9	7.	0.
15	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.1	0.	.1	0.	.1	0.	1.2
17	0.	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	2.6	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	0.	2.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
3	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	14.2	4.5	2.4	0.	0.	0.	0.	21.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
10	0.	.2	0.	0.	0.	19.4	1.4	1.5	1.1	0.	0.	.1	31.3
11	.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
12	0.	11.3	.2	0.	0.	0.	0.	.5	0.	0.	0.	.4	15.9
13	0.	0.	5.4	0.	0.	0.	0.	0.	0.	1.3	0.	.8	7.6
14	0.	0.	.6	1.2	1.4	0.	0.	0.	1.4	.1	.1	.1	17.0
15	0.	0.	0.	4.9	1.3	2.1	18.3	9.2	1.2	.2	0.	.1	37.5
16	0.	.7	0.	0.	1.4	0.	.1	0.	0.	0.	0.	0.	3.7
17	0.	0.	0.	0.	0.	0.	2.1	5.3	0.	.2	0.	.1	7.9
18	0.	0.	3.4	0.	0.	0.	0.	6.5	4.5	0.	0.	2.6	17.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	1.7	1.5	0.	0.	0.	0.	3.2
27	0.	0.	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	1.7
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2766 CANTAURA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	0.	.1
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
12	0.	2.8	1.9	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.0	.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3	1.4	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	1.4	0.	1.2	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
2	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
3	0.	0.	0.	0.	0.	.7	1.3	2.3	.5	.4	.2	.2	5.6
4	.1	.1	0.	.2	.3	.1	0.	0.	0.	0.	0.	0.	2.3
5	0.	0.	0.	0.	.1	1.5	.1	0.	0.	0.	0.	0.	1.7
6	0.	0.	0.	6.0	.3	2.7	0.	0.	0.	0.	0.	0.	9.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	19.3	6.5	2.0	.1	.1	1.4	.1	0.	0.	0.	0.	30.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	3.5	20.9	2.5	2.1	29.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
13	0.	3.4	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.9
14	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
15	0.	0.	0.	0.	5.3	0.	0.	0.	0.	.3	0.	0.	5.6
16	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	3.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.2	0.	0.	.4	.7	.4	0.	.1	0.	0.	0.	0.	4.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.3	.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1
28	0.	.7	.1	0.	53.4	2.7	.8	0.	0.	0.	0.	.2	57.9
29	0.	0.	0.	0.	.7	0.	.7	0.	0.	0.	0.	0.	1.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2766 CANTAURA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	5.5	3.6	0.	0.3	0.5	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.1	0.	0.	0.	0.	0.	0.	0.	1.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	5.5	2.1	0.9	0.1	0.	0.	0.	0.	0.	0.	0.	8.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.9	0.	0.	0.	0.	0.	0.9
11	0.	0.	0.	3.2	0.	0.	0.	0.	0.	0.	0.	0.	3.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	2.9	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9
22	0.	0.3	0.	0.	0.4	0.1	0.3	0.	0.	0.	0.	0.	1.1
23	0.	0.	1.6	3.8	0.3	0.1	0.1	0.	0.	0.	0.	0.	5.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	14.5	0.5	M	M	M	M	M	M	M	M
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2809 Aragua de Maturín.

LOCATION: Longitude $63^{\circ} 27'$ W, latitude $09^{\circ} 56'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2809 ARAGUA DE MATURIN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	.1	0.	0.	0.	.5	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
21	0.	.1	0.	2.9	.1	0.	0.	0.	.2	0.	.6	.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	.2	0.	0.	1.1	.8	.6	.4	.1	0.	0.
29	.1	0.	2.1	9.3	.1	.4	0.	.5	.1	0.	0.	0.
30	0.	0.	0.	0.	.5	.1	0.	0.	.4	0.	0.	0.
31	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
18	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
21	0.	0.	0.	4.2	4.0	0.	0.	0.	0.	0.	0.	0.	12.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	3.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
31	0.	0.	0.	0.	0.	0.	.1	.8	0.	.1	0.	0.	1.1

PRECIPITATION DATA

STA. NO. 2809 ARAGUA DE MATORIN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	.2	0.	0.	.1	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
5	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.1	.2	0.	0.	0.	.2	.1
7	0.	0.	.4	.1	7.7	.2	.4	0.	0.	5.2	4.5	0.
8	0.	.5	.2	0.	0.	0.	0.	0.	0.	0.	.2	0.
9	0.	0.	.3	3.9	2.3	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.2	0.	.4	2.6	0.	0.	0.	0.	0.	0.	0.	0.
14	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	.2	5.0
30	.2	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
4	4.6	1.9	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.9
5	.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
6	0.	1.0	12.3	.8	.4	0.	0.	0.	0.	0.	0.	0.	15.1
7	0.	0.	0.	.1	0.	.4	2.8	.1	0.	0.	0.	0.	21.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	M	M	M	M	M	M	M	M	M	M	M	M	0.
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	1.5	3.9	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	M
26	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.7	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6
30	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4

PRECIPITATION DATA

STA. NO. 2809 ARAGUA DE MATURIN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	.6	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	.4	.4	0.	0.	0.	0.	0.	0.
11	5.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	2.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	5.1	0.	0.	0.	0.	.1	1.9	.2	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	1.9	4.2	0.	0.
16	0.	0.	0.	0.	4.9	1.1	0.	0.	1.3	.5	0.	2.1
17	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	2.4	5.8	0.	0.	0.	0.	0.	10.4
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.
27	0.	0.	0.	0.	11.2	29.8	4.4	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
2	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	2.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	3.3	.6	0.	0.	0.	0.	0.	0.	0.	3.9
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	1.4	1.2	.3	0.	0.	0.	0.	0.	0.	0.	2.9
10	0.	1.5	0.	0.	0.	0.	.1	0.	0.	0.	0.	.5	2.9
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
14	3.1	.2	0.	3.3	1.6	.1	0.	0.	0.	0.	0.	0.	15.6
15	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	6.4
16	.1	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	10.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
18	0.	0.	0.	0.	0.	0.	2.1	0.	0.	0.	0.	0.	2.1
19	0.	0.	1.6	0.	0.	0.	0.	0.	.7	.1	0.	0.	2.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.6	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.8
26	.8	0.	0.	0.	0.	0.	.3	.3	.1	0.	0.	0.	4.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	45.4
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2809 ARAGUA DE MATORIN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	.1	0.	1.0	.1	0.	0.	0.	0.	.4
2	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	.6	0.	6.8	.1	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	4.0	3.1	0.	0.	.1
17	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	.4	.2	0.	.6	3.3	0.	0.	0.	0.	0.
21	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	5.2	.1	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	2.8	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
3	0.	.2	14.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	2.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	.3	.2	0.	0.	0.	0.	0.	0.	0.	.5
8	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	11.5	.4	.6	0.	0.	0.	0.	0.	0.	0.	20.0
13	0.	12.5	1.4	.7	.2	0.	0.	0.	0.	0.	0.	0.	14.8
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	3.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.8
17	0.	0.	0.	0.	0.	0.	0.	.5	.1	.2	0.	0.	.9
18	0.	0.	0.	0.	5.2	.1	0.	0.	0.	0.	0.	0.	5.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
22	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	0.	0.	.1	.3	0.	0.	0.	0.	0.	0.	0.	0.	.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	1.1	2.2	1.5	.1	0.	0.	0.	0.	4.9
26	0.	0.	0.	1.6	.3	0.	0.	0.	0.	0.	0.	0.	1.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	5.6
28	0.	0.	13.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	4.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2809 ARAGUA DE MATURIN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	.1	7.3	6.6	6.4	0.
2	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	3.2	.1	0.	1.6	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	4.6	5.8	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	12.8	1.7	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
5	0.	0.	4.3	.7	0.	0.	0.	0.	0.	0.	0.	0.	9.9
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
8	1.2	.4	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
11	0.	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	1.9	.5	0.	0.	0.	0.	0.	0.	0.	2.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4

PRECIPITATION DATA

NAME: Sta. No. 2810 San Félix.

LOCATION: Longitude $63^{\circ} 40'$ W, latitude $09^{\circ} 57'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2810 SAN FELIX
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	0.	0.	.2	.3	.1	.2	.1	.2	2.6	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	.1	0.	0.	1.6	0.	.1	0.	0.
29	0.	0.	.2	1.1	.1	0.	.3	.1	.1	0.	0.	0.
30	0.	0.	0.	0.	.7	.8	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	1.0	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	2.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
31	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.3

PRECIPITATION DATA
STA. NO. 2810 SAN FELIX
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	.2	.1	.2	.7	3.9	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.	.1
6	0.	0.	0.	0.	0.	.4	0.	.8	0.	0.	0.	.4
7	0.	.1	2.0	0.	.3	.1	0.	0.	0.	0.	9.9	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.3	.1	0.	.1	0.	0.	2.2	.8	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
13	.2	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.3
17	0.	0.	0.	0.	0.	0.	0.	0.	4.5	.9	5.9	.8
18	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	1.7
19	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.1	.5	0.	1.4	0.	.1	10.6	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.1	.4
30	0.	0.	0.	0.	0.	.1	0.	0.	.1	.3	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.1
4	0.	13.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.8
5	.4	2.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.6
6	1.6	0.	12.1	1.4	.1	0.	0.	0.	0.	0.	0.	0.	16.8
7	0.	0.	0.	0.	0.	0.	3.6	0.	0.	0.	0.	0.	16.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	4.0
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
14	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
17	.3	0.	0.	.2	0.	0.	0.	0.	0.	.1	.3	0.	13.0
18	5.9	0.	0.	4.5	.1	15.1	6.9	3.1	0.	0.	0.	0.	37.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	8.4	1.9	.1	0.	0.	0.	0.	.1	7.7	0.	0.	18.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	13.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	2.1	.3	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	.7
30	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6

PRECIPITATION DATA

STA. NO. 2810 SAN FELIX
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	1.0	.3	0.	0.	0.	0.	0.	.2	0.	0.	.8
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	.7	.1	0.	.2	0.	15.1
11	0.	1.4	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	1.3	.1	.3	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	6.8	0.	0.	0.	0.	0.	0.	.5	.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0	0.	0.
16	0.	0.	0.	0.	1.1	.5	0.	.1	0.	.1	0.	.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	1.7	.7	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9	.7
27	0.	0.	0.	0.	0.	.3	22.2	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	8.1	4.1	0.	0.	0.	0.	0.	0.	0.	0.	14.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	1.4	1.3	.1	0.	0.	0.	0.	0.	0.	2.8
10	.5	.2	.1	0.	0.	0.	0.	0.	0.	.2	0.	0.	17.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
14	.4	.8	0.	.9	1.2	.1	0.	0.	0.	0.	0.	0.	11.0
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	1.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	7.4	5.8	0.	0.	0.	0.	0.	0.	0.	13.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	2.7	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6
26	0.	2.4	1.7	0.	0.	0.	0.	0.	0.	0.	.4	0.	8.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.5
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2810 SAN FELIX
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	1.0	.3	5.1	0.	0.	2.8	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	3.2	1.0	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9	0.	4.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.
25	0.	0.	0.	0.	0.	0.	.1	13.7	1.9	.1	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
31	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	2.0	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	3.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.6
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	9.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	9.3
6	20.7	1.9	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.0
7	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
8	.3	.1	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.8
9	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	.1	3.0	.8	.4	0.	0.	0.	0.	0.	0.	0.	8.5
13	0.	1.2	7.0	.3	0.	0.	0.	0.	0.	0.	0.	0.	8.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	2.2	1.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.5
17	0.	0.	0.	0.	0.	0.	0.	.1	.4	0.	0.	0.	.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
23	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
25	.4	.1	.6	.3	0.	0.	0.	0.	0.	0.	0.	0.	17.2
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	.7	18.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.4
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4

PRECIPITATION DATA

STA. NO. 2810 SAN FELIX
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	.9	4.1	.1	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	1.6	.3	0.	1.0	.1	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.9
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	3.2	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
5	0.	0.	2.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
8	.3	1.6	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	15.4	1.6	.2	0.	0.	0.	0.	0.	0.	0.	17.8
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	3.6	2.6	0.	0.	0.	0.	0.	0.	0.	6.2
23	0.	0.	0.	13.1	3.7	0.	0.	0.	0.	0.	0.	0.	16.8
24	0.	.2	1.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	6.1	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2811 Oritupano.

LOCATION: Longitude $63^{\circ} 27'$ W, latitude $09^{\circ} 03'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2811 BRITUPANO
MAY 1959
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	.4	.4	.3	0.	0.	0.	.9	.1	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	3.1	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	18.6	.1	0.	0.	0.	0.	18.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.7	4.6	0.	0.	0.	0.	0.	0.	0.	6.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	1.4
29	.2	3.3	.1	2.4	15.3	.1	0.	0.	0.	0.	0.	0.	25.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2811 ORITUPANO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	1.4	.4	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.1	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
5	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8	7.6
7	1.5	.1	16.1	1.8	0.	0.	0.	0.	.3	0.	0.	0.	19.8
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	2.8	2.4	3.0	0.	0.	0.	0.	0.	0.	8.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
15	0.	0.	4.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	4.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	2.1	0.	0.	0.	.1	0.	0.	0.	2.2
18	7.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	9.2	21.7	.4	5.0	.2	0.	0.	36.5
22	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	0.	0.	2.1	0.	0.	0.	0.	0.	0.	0.	2.1
26	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
30	0.	0.	0.	.5	9.1	.2	.3	0.	0.	0.	0.	0.	10.1

PRECIPITATION DATA

STA. NO. 2811 ORITUPANO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	.8
12	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.9	8.9
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	.4	0.	3.4	.6	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	.3	.4	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
2	0.	0.	0.	.3	1.5	0.	0.	0.	0.	0.	0.	0.	2.2
3	0.	0.	0.	0.	2.0	12.6	0.	0.	0.	0.	0.	0.	14.6
4	0.	0.	0.	0.	.3	.6	0.	0.	0.	0.	0.	0.	.9
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	.6
9	2.9	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4
10	0.	0.	1.9	0.	23.0	1.7	0.	0.	0.	0.	0.	0.	26.6
11	0.	15.9	10.4	1.1	.2	0.	0.	0.	0.	0.	0.	0.	28.5
12	0.	0.	0.	0.	9.8	0.	0.	0.	0.	0.	0.	0.	20.1
13	0.	11.7	2.1	0.	0.	0.	.4	.2	0.	0.	0.	0.	14.9
14	0.	0.	0.	1.9	0.	0.	.7	1.6	.3	0.	.1	0.	9.0
15	0.	0.	0.	.4	0.	1.4	0.	0.	0.	0.	0.	0.	1.8
16	0.	0.	.5	.3	0.	0.	1.1	.2	0.	0.	0.	0.	2.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
18	3.6	0.	0.	0.	0.	0.	2.6	3.4	0.	0.	0.	0.	9.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	.9
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	1.0	0.	0.	0.	0.	1.4	2.4	.7	.3	.1	0.	5.9
26	0.	4.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
27	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3

PRECIPITATION DATA

STA. NO. 2811 ORITUPANO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	1.9	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.8	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	.2	.9	1.9	.6	0.	.1	0.	0.	4.7
3	0.	0.	10.6	0.	.4	1.0	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	0.	0.	4.4	5.3	1.6	0.	0.	0.	0.	0.	M
9	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	4.5	0.	.1	0.	0.	0.	0.	0.	4.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	6.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.0
14	0.	0.	0.	1.9	0.	0.	0.	0.	0.	0.	0.	0.	1.9
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.6	1.3	0.	0.	0.	3.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	2.7	.1	0.	0.	0.	.3	1.5	.3	0.	0.	4.9
19	1.2	.1	0.	0.	0.	9.7	0.	0.	0.	0.	0.	0.	21.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	3.3	2.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2811 ORITUPANO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.9	1.7	.2	0.	0.	0.	0.	0.	0.	0.	2.8
30	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

NAME: Sta. No. 2812 Buena Vista de Chive.

LOCATION: Longitude $63^{\circ} 47'$ W, latitude $09^{\circ} 02'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2812 BUENA VISTA DE CHIVE
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	.7	.4	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	.2	.2	0.	0.	0.	0.	.2
24	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.	0.	1.3
6	0.	0.	0.	0.	0.	0.	0.	0.	.4	.1	0.	0.	.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	7.0	3.0	6.5	0.	.5	17.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
29	4.1	4.0	0.	5.9	5.3	.5	.3	0.	0.	0.	0.	0.	20.1
30	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2812 BUENA VISTA DE CHIVE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.3	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	2.5	.1	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	7.1	0.	0.	0.	0.
8	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.3	.6	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
2	0.	0.	0.	0.	15.9	0.	0.	0.	0.	0.	0.	0.	15.9
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	19.9	.2	0.	0.	0.	0.	0.	0.	.6	2.5	0.	25.8
7	0.	16.2	4.3	.4	.1	0.	0.	0.	0.	0.	0.	0.	28.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	4.0	0.	0.	0.	0.	4.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	6.9	0.	0.	0.	0.	0.	0.	0.	0.	6.9
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
17	0.	0.	0.	0.	0.	0.	0.	0.	.2	.3	.1	0.	.6
18	0.	0.	0.	.6	.1	0.	0.	0.	0.	0.	0.	0.	1.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	1.0	0.	0.	2.0	6.0	2.8	.6	0.	0.	12.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	17.8	0.	0.	0.	7.4	0.	0.	0.	0.	0.	0.	0.	25.2
25	0.	0.	0.	4.0	0.	0.	0.	0.	0.	0.	0.	0.	4.0
26	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
29	0.	0.	0.	.9	0.	0.	0.	7.5	.2	0.	0.	0.	8.6
30	0.	0.	0.	8.4	10.1	1.2	.1	0.	0.	0.	0.	0.	19.8

PRECIPITATION DATA

STA. NO. 2812 BUENA VISTA DE CHIVE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
10	0.	0.	0.	0.	0.	0.	.2	0.	0.	.1	0.	1.6
11	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	1.4	0.
12	0.	.4	0.	0.	0.	16.7	0.	.1	0.	0.	0.	15.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	1.3	4.1	2.1	1.7	2.2	1.6	.4	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.1
17	0.	0.	.2	.7	0.	0.	0.	0.	0.	.3	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	3.3	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
2	.8	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
3	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	3.2	0.	0.	0.	0.	0.	3.2
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	11.0	.3	0.	0.	0.	0.	0.	0.	11.3
8	0.	.2	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.3
9	0.	.3	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
10	0.	0.	.5	18.2	33.7	1.4	2.5	1.1	.1	0.	0.	0.	59.4
11	0.	0.	12.9	2.7	0.	.1	0.	0.	0.	0.	0.	0.	17.2
12	10.1	7.9	.1	0.	0.	.5	.9	.1	0.	0.	0.	0.	52.6
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	3.3	.5	0.	0.	0.	0.	.8	7.4	.6	0.	0.	26.0
15	0.	0.	.1	.7	.2	0.	2.2	.3	0.	0.	0.	0.	3.5
16	0.	0.	1.0	0.	0.	.3	0.	0.	.6	0.	0.	0.	2.2
17	1.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
18	0.	0.	0.	0.	0.	0.	3.0	.1	.4	0.	0.	0.	3.5
19	0.	1.1	.4	.3	0.	0.	0.	0.	0.	0.	0.	0.	1.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	6.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	.8
25	0.	.5	6.8	0.	0.	0.	0.	.3	.1	0.	.1	0.	7.8
26	0.	.5	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
27	0.	0.	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2812 BUENA VISTA DE CHIVE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	8.0
12	22.4	6.1	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	3.6	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	4.8	0.	0.	2.2	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	.1	.1	0.	0.	0.	0.	0.	7.1	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.
23	0.	0.	0.	0.	7.6	4.5	.2	.3	0.	.1	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
2	0.	0.	0.	0.	0.	0.	.1	1.7	1.2	.7	0.	0.	4.6
3	0.	0.	0.	0.	0.	.2	7.1	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	1.0	38.6	5.3	0.	.6	0.	0.	0.	0.	0.	45.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	3.1	18.2	.3	0.	0.	0.	2.9	18.9	0.	.8	4.5	15.1	73.3
12	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	29.9
13	2.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.4
14	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
15	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	7.1
17	0.	0.	0.	0.	0.	.8	.4	.4	0.	.3	0.	4.2	6.1
18	0.	0.	0.	0.	0.	0.	0.	0.	.5	.7	.1	0.	1.3
19	0.	.4	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	8.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
23	0.	0.	0.	0.	0.	0.	.7	1.1	1.6	.7	0.	0.	16.8
24	0.	0.	0.	0.	1.3	0.	8.7	3.4	1.5	5.2	0.	.1	20.2
25	0.	0.	0.	0.	0.	0.	.1	.4	0.	0.	0.	0.	.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	3.3	0.	0.	0.	.P	0.	0.	0.	0.	0.	4.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2812 BUENA VISTA DE CHIVE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.1	.1	0.	.4	.1	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	9.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	2.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	3.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	2.6
11	0.	0.	0.	4.3	1.3	0.	0.	0.	0.	0.	0.	0.	5.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	1.7	.5	.9	.2	0.	0.	0.	0.	0.	0.	0.	0.	3.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	7.5	0.	0.	0.	0.	0.	0.	7.5
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	2.8	0.	9.9	1.2	0.	0.	0.	0.	0.	13.9

PRECIPITATION DATA

NAME: Sta. No. 2814 Los Aceites.

LOCATION: Longitude $63^{\circ} 22'$ W, latitude $09^{\circ} 25'$ N.

RECORDS AVAILABLE: Hourly precipitation from June 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2814 LOS ACEITES
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	4.6	0.	0.	0.	0.	0.	0.	2.6
19	0.	0.	.1	0.	0.	0.	0.	0.	.2	0.	0.	0.
20	0.	0.	0.	0.	0.	.4	.3	.8	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	6.9	1.7	.6	0.	0.	0.	0.	0.	0.	0.	0.	9.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.5
19	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	1.1
20	0.	0.	.6	3.4	0.	0.	0.	0.	0.	0.	0.	0.	5.5
21	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.	1.4
22	0.	0.	0.	0.	1.0	0.	0.	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2814 LOS ACEITES
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
2	.3	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	0.	2.9	0.	0.	0.	0.	0.	0.	0.	0.	2.9
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	2.1	0.	0.	0.	0.	0.	0.	2.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
9	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
10	.8	0.	0.	0.	0.	0.	5.6	0.	0.	0.	0.	0.	6.4
11	.1	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
12	0.	0.	.3	1.4	2.1	0.	0.	0.	0.	0.	0.	0.	3.9
13	.1	1.8	0.	0.	0.	19.5	0.	8.4	.2	0.	0.	0.	30.0
14	2.0	0.	0.	0.	0.	0.	0.	0.	1.5	.2	0.	0.	4.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	1.3	.1	.4	0.	0.	0.	0.	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2814 LOS ACEITES
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3	5.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
12	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1	0.	3.6
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	2.4	7.0	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	6.5	2.8	0.	0.	9.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.5	8.5
8	0.	2.1	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	11.7
9	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
12	0.	3.7	3.3	11.5	0.	0.	0.	0.	0.	0.	0.	0.	18.7
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	3.6	0.	0.	0.	0.	0.	0.	0.	4.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
23	.2	0.	0.	2.1	0.	0.	0.	0.	0.	0.	0.	0.	2.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	.7	.8	M	M	M	M	M	M	M	M
26	0.	0.	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	2.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
30	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8

PRECIPITATION DATA

STA. NO. 2814 LUS ACEITES
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.2	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	3.4	4.4	0.	0.	0.	0.	0.	0.	0.	0.	7.8
7	.1	0.	0.	0.	4.5	.7	0.	0.	0.	0.	0.	0.	5.9
8	3.5	2.7	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

NAME: Sta. No. 2815 Santo Tomás.

LOCATION: Longitude $63^{\circ} 49' W$, latitude $09^{\circ} 11' N$.

RECORDS AVAILABLE: Hourly precipitation from May 22, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M.O.P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2815 SANTO TOMAS
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.6	0.	0.	0.
24	0.	0.	0.	2.4	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.4	1.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.2	0.	6.5	24.7	0.1	0.	0.	0.	0.	0.	31.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2815 SANTO TOMAS
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.8	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	.8	.7	.8	.3	0.	0.
18	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	4.3	1.7	.5	.3	0.	0.	.1	0.	0.	6.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
17	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	2.7
18	0.	6.2	0.	0.	3.1	.3	0.	0.	0.	0.	0.	0.	10.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	2.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	.3	6.8	0.	9.1	1.7	.5	.3	0.	0.	0.	0.	18.7

PRECIPITATION DATA

STA. NO. 2815 SANTO TOMAS
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	.4	1.2	0.	0.
11	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.1	2.8
12	0.	0.	0.	0.	1.2	.5	0.	0.	0.	2.5	14.7	.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	0.	0.	0.	0.	0.	0.	3.8	4.0	1.0	.2	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.8	0.
17	0.	0.	.4	.1	0.	0.	0.	0.	0.	0.	0.	4.0
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	4.6	0.	.8	3.0	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	2.4	1.0	0.	0.	0.	0.	0.	3.4
8	0.	2.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
9	.1	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
10	0.	.5	0.	0.	.2	4.8	.1	.5	0.	0.	0.	0.	7.7
11	3.6	0.	0.	5.7	.5	0.	0.	0.	0.	0.	0.	0.	20.8
12	.7	0.	0.	0.	0.	.4	0.	5.7	0.	0.	0.	0.	26.5
13	.2	0.	.1	12.5	0.	0.	.1	1.0	.9	0.	0.	0.	14.9
14	0.	0.	.2	0.	0.	0.	0.	0.	1.4	.5	.1	0.	11.2
15	0.	0.	0.	0.	6.1	9.3	.3	.2	0.	0.	0.	0.	17.9
16	4.1	15.4	4.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	25.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	5.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	.7	0.	5.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.	0.	0.	1.3
22	.1	0.	.4	0.	0.	0.	0.	.3	0.	0.	0.	0.	.9
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	.1	0.	1.0	.1	0.	0.	1.3
26	0.	0.	3.5	9.8	0.	0.	0.	0.	0.	0.	0.	0.	13.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.4
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2815 SANTO TOMAS
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	3.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
12	1.6	24.7	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	23.1	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.7
23	0.	0.	0.	1.2	2.4	1.9	.1	0.	0.	0.	0.	4.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	13.0	1.5	0.	0.	0.	0.	0.	0.	0.	0.	14.8
2	0.	0.	0.	0.	0.	0.	1.2	1.5	1.4	.7	0.	0.	12.8
3	1.3	2.5	0.	0.	.4	.9	5.1	4.4	1.5	0.	0.	0.	16.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.4	0.	0.	10.9	.4	0.	0.	0.	0.	0.	0.	1.0	12.7
7	0.	0.	0.	1.7	1.9	.7	0.	0.	0.	0.	0.	0.	4.3
8	0.	0.	0.	0.	17.2	.6	0.	.6	.1	0.	0.	0.	18.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	4.4	0.	0.	0.	0.	2.6	3.4	6.0	.4	.9	0.	18.4
12	0.	.2	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	28.2
13	0.	11.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.6
14	0.	2.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	1.6	.4	0.	.7	1.7	.6	0.	0.	28.1
17	0.	0.	0.	0.	0.	0.	0.	7.0	.1	.1	.6	0.	7.8
18	0.	0.	0.	0.	0.	0.	0.	.3	.6	.4	.1	0.	1.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	6.8	.9	.1	0.	0.	0.	0.	0.	0.	0.	8.5
22	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6
23	0.	0.	0.	0.	1.0	2.8	.5	.5	1.8	.5	0.	0.	17.1
24	0.	0.	0.	0.	0.	0.	0.	.3	.9	.2	0.	0.	1.4
25	0.	0.	0.	0.	0.	0.	.5	.5	0.	0.	0.	0.	1.0
26	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	3.0
27	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
31	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7

PRECIPITATION DATA

STA. NO. 2815 SANIC TOMAS
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	2.4	7.1	0.	0.	0.	0.	0.	0.	0.	0.	9.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	1.1	3.5	1.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	41.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	.4	4.7	0.	0.	0.	0.	0.	0.	0.	5.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.9	.5	.3	0.	0.	0.	0.	0.	0.	0.	1.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.8	0.	0.	0.	0.	.1	0.	0.	1.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	1.5	2.3	6.3	0.	8.6	.3	0.	0.	0.	0.	19.0
29	0.	1.5	5.0	.3	0.	0.	0.	0.	0.	0.	0.	0.	6.8
30	0.	0.	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.	1.0

PRECIPITATION DATA

NAME: Sta. No. 2829 El Tamarindo.

LOCATION: Longitude $63^{\circ} 07' W$, latitude $09^{\circ} 38' N$.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
 STA. NO. 2824 EL TAMARINDO
 MAY 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
21	0.	0.	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	2.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.7
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	1.0	.3	0.	0.	0.	0.	0.	0.	1.3

PRECIPITATION DATA

STA. NO. 2829 EL. TAMARINDO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
7	0.	1.4	0.	0.	0.	.2	0.	3.2	5.5	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	1.0	.2	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	5.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
5	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
6	7.9	1.1	.5	.3	0.	0.	0.	0.	0.	0.	0.	0.	9.9
7	0.	4.7	0.	1.3	.5	.3	0.	0.	.1	0.	0.	.1	17.3
8	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.5
18	0.	0.	0.	0.	.3	.3	.4	0.	0.	0.	0.	0.	1.1
19	.8	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
21	0.	0.	1.4	0.	0.	0.	0.	0.	2.3	.1	0.	0.	3.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	2.2	.2	.3	0.	0.	0.	0.	0.	2.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	3.3	2.2	17.0	.7	.1	0.	0.	0.	0.	0.	0.	23.3
26	10.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.5	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
29	0.	0.	.1	0.	0.	4.8	0.	0.	0.	0.	0.	0.	4.9
30	0.	1.8	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	1.9

PRECIPITATION DATA

STA. NO. 2829 EL TAMARINDO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	7.1
10	0.	0.	0.	0.	0.	.1	0.	0.	0.	.3	0.	4.9
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	1.6	8.8	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	3.1	10.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	.2	.2	0.	0.	0.	0.	0.	0.	0.	14.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	3.5	1.2	0.	0.	0.	0.	0.	0.	1.8
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.9	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.4	0.	.3	0.	0.	3.3	.2	0.	0.	0.	0.	0.	4.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
9	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	5.4
11	11.5	10.0	8.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	30.0
12	0.	0.	.4	0.	.3	0.	0.	0.	0.	0.	0.	0.	11.1
13	0.	2.0	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
14	.1	0.	.2	1.0	0.	0.	0.	0.	0.	0.	0.	0.	15.2
15	0.	0.	7.5	3.5	.1	0.	0.	0.	0.	0.	0.	0.	11.1
16	2.5	.2	1.0	.1	0.	0.	0.	0.	0.	0.	0.	0.	18.6
17	0.	0.	0.	0.	4.4	.4	0.	0.	0.	0.	0.	0.	4.8
18	0.	3.6	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.	3.9
19	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	3.0	1.7	0.	0.	0.	0.	0.	0.	0.	0.	4.7
21	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.1	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	2.0	0.	0.	0.	2.1	0.	0.	0.	0.	0.	0.	0.	10.6
26	0.	0.	0.	1.2	.3	0.	0.	0.	0.	0.	0.	0.	1.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2829 EL TAMARINDO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	.2	.6	0.	0.	0.	0.	0.	0.	0.	0.	1.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	.5	6.7	22.1	5.2	0.	0.	0.	0.	0.	0.	0.	0.	34.5
8	13.9	.2	0.	.2	2.0	.1	0.	0.	0.	0.	0.	0.	16.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	18.9	.7	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	.4
18	0.	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	2.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	2.8	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
23	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	M	M	M	M	M	M	M	46.5	0.	0.	0.	0.	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	1.2	.8	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	3.0	5.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
31	0.	0.	0.	3.7	0.	0.	0.	0.	0.	0.	0.	0.	3.7

PRECIPITATION DATA

STA. NO. 2829 EL TAMARINDO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	1.3	.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9	0.	17.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4	.2
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	2.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	10.1	3.4	0.	0.	0.	0.	0.	0.	0.	0.	13.5
4	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
6	0.	3.6	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
8	13.1	1.3	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	35.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
11	.5	38.0	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	38.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	15.9	0.	0.	0.	0.	0.	0.	0.	0.	15.9
28	0.	0.	17.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.6
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2831 Aguasay.

LOCATION: Longitude $63^{\circ} 43'$ W, latitude $09^{\circ} 25'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2831 AGUASAY
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	.2	0.	0.	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.
24	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	3.9	29.3	.1	0.	0.	0.	33.3
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	.1	0.	.5	.3	0.	0.	0.	0.	0.	0.	0.	0.	1.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	15.9	19.8	.6	0.	0.	0.	0.	0.	0.	36.3
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 2831 AGUASAY
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	27.3	5.1	0.2	0.1
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	1.3	0.	6.8	1.4	0.	0.	0.	0.	0.	0.	10.0
20	0.5	0.4	0.7	0.	0.4	1.2	3.3	0.	0.	0.	0.	0.	39.2
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2831 AGUASAY
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.9
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	.3	0.	.9	.3	0.	.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
12	0.	0.	2.7	.7	0.	0.	0.	0.	0.	0.	0.	3.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	2.4	3.4	.1	.4
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
19	0.	0.	.1	.3	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	7.4	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	.5	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	1.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
3	0.	0.	2.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
4	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	.4
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	6.3	.6	0.	0.	0.	0.	8.5
11	0.	4.1	3.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	7.5
12	.2	0.	0.	0.	0.	0.	8.8	0.	0.	0.	0.	0.	15.4
13	0.	0.	2.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
14	0.	.2	0.	0.	0.	0.	26.9	39.3	11.4	3.9	0.	0.	88.0
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	1.0	3.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.4	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
21	0.	0.	0.	0.	0.	0.	3.4	0.	0.	0.	0.	0.	3.4
22	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.7
23	0.	0.	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	4.6
24	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	1.0
25	.1	.1	0.	0.	0.	0.	.1	.1	.2	0.	0.	0.	.6
26	0.	0.	0.	0.	4.0	0.	.4	0.	0.	0.	0.	0.	4.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	.7
31	9.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

STA. NO. 2831 AGUASAY
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.1	0.	0.	.2	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	1.0	.1	0.	0.	0.	0.	0.	0.	0.	1.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	5.2	0.	8.3	23.4	4.5	0.	2.8	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	.2	.4	.5	.2	0.	3.9	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8	.2	0.
23	0.	0.	0.	0.	.1	0.	0.	.3	0.	0.	.2	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.3	0.	0.	0.	0.	1.6	.5	0.	0.	0.	0.	0.	2.7
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
9	0.	0.	.7	0.	5.9	0.	0.	0.	0.	0.	0.	0.	6.6
10	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	0.	1.7
11	0.	0.	0.	0.	0.	0.	0.	4.5	.1	.2	0.	0.	6.1
12	0.	.2	.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	1.6
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	44.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	6.4	0.	0.	0.	0.	0.	.3	.2	0.	0.	0.	0.	12.1
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
28	.1	0.	1.6	.5	0.	0.	0.	0.	0.	0.	0.	0.	2.2
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2831 AGUASAY
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8	.3	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.1	.2	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	13.7	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	5.9	.5	0.	0.	0.	0.	0.	0.	0.	6.4
7	.1	40.5	3.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	47.6
8	.3	.3	2.2	3.4	.1	0.	0.	0.	0.	0.	0.	0.	6.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	.1	3.0	0.	0.	0.	0.	0.	3.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	1.4	1.5
24	0.	0.	.3	.2	0.	0.	0.	5.5	0.	0.	0.	0.	19.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.2	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
30	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	1.5

PRECIPITATION DATA

NAME: Sta. No. 2835 Santa Bárbara.

LOCATION: Longitude $63^{\circ} 36'$ W, latitude $09^{\circ} 36'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2835 SANTA BARBARA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
5	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	1.4	0.	0.	0.	0.	1.9	2.6	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	.2	.1	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	3.9	0.	0.	.4	0.	0.	0.	0.	0.	0.	.4	.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
6	0.	.2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.4
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	1.1	2.0	0.	0.	.2	0.	0.	3.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.2	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	6.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	.7	.1	0.	0.	0.	0.	0.	2.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	2.0	0.	0.	0.	.1	0.	0.	0.	0.	2.1

PRECIPITATION DATA

STA. NO. 2835 SANTA BARBARA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9	0.	0.
6	0.	0.	0.	0.	0.	.1	.1	0.	0.	.1	.1	.1
7	0.	0.	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	.3	.6	.1	0.	0.	.1	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	.3	.1
18	0.	0.	.2	0.	0.	.3	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.3

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
4	0.	7.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
5	0.	1.9	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.1
6	1.3	8.6	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.9
7	0.	0.	0.	0.	6.2	.2	0.	0.	0.	0.	0.	0.	7.4
8	0.	0.	0.	.3	.5	0.	0.	0.	0.	0.	0.	0.	.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	.8	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
16	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	1.6
17	.2	.9	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	2.4
18	6.6	1.3	0.	.3	0.	0.	.2	.2	0.	0.	0.	0.	9.1
19	0.	0.	0.	1.1	.5	0.	0.	0.	0.	0.	0.	0.	1.6
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.2	0.	0.	0.	0.	0.	0.	1.4	0.	0.	1.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	12.0	1.0	0.	0.	0.	0.	0.	0.	13.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
25	0.	0.	0.	8.5	.1	0.	0.	0.	0.	0.	0.	0.	8.6
26	0.	11.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.4
27	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	.9
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	2.6	.3	0.	.2	0.	0.	0.	0.	3.1
30	0.	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2

PRECIPITATION DATA

STA. NO. 2835 SANTA BARBARA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.2	3.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	1.2	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	1.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	.1	0.	1.3	.1	.4	1.1	.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	1.8	0.	0.	0.	0.	0.	.3	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9	0.
19	0.	0.	0.	0.	.1	.9	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.1	0.
22	0.	0.	0.	0.	0.	0.	0.	.1	0.	2.8	1.7	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	.9	.1	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	18.2	2.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	1.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.5
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
6	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	2.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
10	0.	29.6	0.	0.	0.	0.	4.8	1.2	0.	0.	0.	0.	36.2
11	.5	11.7	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.1
12	0.	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.	.4
13	0.	0.	.7	0.	0.	0.	.2	.1	.2	0.	0.	0.	1.5
14	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
15	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
16	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
17	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
18	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
20	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
21	0.	0.	0.	0.	13.8	.1	0.	0.	0.	0.	0.	0.	14.4
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.6
23	0.	6.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
26	0.	0.	0.	0.	0.	6.2	.9	.3	0.	0.	0.	0.	7.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.8
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2835 SANTA BARBARA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	.4	.5	3.0	0.	0.	0.	4.3	.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	4.9	0.	0.	0.	6.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1
2	6.4	0.	.1	0.	0.	0.	0.	2.3	.1	0.	0.	0.	8.9
3	10.7	.8	0.	0.	0.	.9	0.	.3	0.	0.	0.	0.	12.7
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
6	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	3.7	.1	4.2
7	0.	0.	0.	0.	.3	.8	0.	0.	0.	0.	0.	0.	1.1
8	17.2	.3	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	20.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.5
12	0.	0.	.3	0.	.4	0.	0.	0.	0.	0.	0.	0.	1.7
13	3.4	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	10.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	3.8	4.0	13.5	.8	.4	.3	0.	0.	0.	0.	22.8
19	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	28.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.4
23	.5	1.3	0.	.2	.1	0.	0.	0.	0.	0.	0.	0.	2.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	.5	.4	0.	0.	0.	0.	.9
26	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
28	0.	0.	8.2	.4	0.	0.	0.	0.	0.	0.	0.	0.	8.6
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2835 SANTA BARBARA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	2.8	2.9	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.6	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
8	.1	.1	2.5	1.5	.1	0.	0.	0.	0.	0.	0.	0.	16.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	4.4	39.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	44.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
24	.3	0.	.6	1.2	1.0	0.	0.	0.	0.	0.	0.	0.	3.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	.5	11.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.1

PRECIPITATION DATA

NAME: Sta. No. 2836 La Pinta.

LOCATION: Longitude $63^{\circ} 51'$ W, latitude $09^{\circ} 54'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
STA. NO. 2836 LA PINTA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2836 LA PINTA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	.5	2.9	1.5	.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
5	0.	0.	0.	1.6	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.1	0.	0.	.2	0.	1.4	.1	.7	0.	0.
7	0.	1.3	2.3	.3	2.2	0.	0.	0.	0.	0.	7.6	1.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.5	1.1	0.	0.	0.	0.	0.	.7	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
6	0.	0.	2.0	.3	0.	0.	0.	0.	0.	0.	0.	0.	4.8
7	0.	0.	0.	.1	.2	5.7	.6	.2	.1	.1	0.	0.	21.8
8	0.	0.	0.	0.	.5	.1	0.	0.	0.	0.	0.	0.	.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.	3.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
15	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
16	0.	0.	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 2836 LA PINTA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	.3	1.4	.5	1.3	.1	3.1	1.0
11	0.	6.9	.1	0.	0.	0.	0.	0.	.1	.6	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
13	0.	.4	10.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	.7	0.	0.	4.5	2.0	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.1	0.	0.
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	.1	.9	0.	0.	0.	0.	0.	0.	0.	1.0
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
11	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0
12	0.	0.	0.	0.	0.	5.5	.6	0.	0.	0.	0.	0.	6.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.5
14	0.	0.	0.	6.2	1.1	.3	.5	0.	0.	0.	0.	0.	15.3
15	1.5	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 2836 LA PINTA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	0.	.2	0.	0.	0.	0.	.7	.6	0.	0.	0.	.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	.2	0.	0.	1.1	3.3	.1	0.	0.	.5	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
20	.6	.1	0.	0.	.1	0.	.3	0.	0.	0.	0.	0.	2.7
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	1.8	0.	0.	0.	0.	0.	0.	1.8
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	3.3	0.	1.6	.7	.1	0.	0.	0.	0.	0.	0.	0.	5.7
26	0.	0.	0.	0.	1.5	.1	0.	0.	0.	0.	0.	0.	1.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	.1	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	4.0	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.4
31	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA
STA. NO. 2836 LA PINTA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	.2	2.5	.3	.1	0.
2	0.	0.	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	0.	0.	0.	0.
16	0.	0.	.7	0.	18.7	1.3	0.	0.	0.	0.	1.0	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	.7	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	1.9	3.0	.1	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.2	.3	1.7	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	.4
22	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
23	0.	0.	0.	0.	0.	0.	.2	.1	0.	0.	0.	.1	.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

NAME: Sta. No. 2840 Santa Rita.

LOCATION: Longitude $63^{\circ} 05' W$, latitude $09^{\circ} 22' N$.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2040 SANTA RITA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	3.8	.1	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.8	0.	.2	0.	0.	0.	0.	0.	0.	0.	1.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1

PRECIPITATION DATA

STA. NO. 2840 SANTA RITA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
6	0.	.1	0.	0.	0.	.3	.2	0.	0.	0.	0.	0.
7	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.1	0.	0.	.6	0.	0.	0.	0.	0.	0.	.2	1.1
19	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	1.1	2.2	.1	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
23	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	4.3	0.	0.	0.	.5	.3	0.	0.	0.	0.	0.	0.	6.1
5	18.9	5.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.9
6	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
7	0.	.4	1.3	.5	2.7	1.2	.7	.3	1.0	.7	0.	0.	11.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	.4
15	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	3.7
21	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
23	0.	0.	1.0	.9	1.1	.7	.1	0.	0.	0.	0.	0.	4.0
24	0.	0.	0.	0.	3.1	0.	0.	0.	0.	0.	0.	0.	3.6
25	.8	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
26	2.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3

PRECIPITATION DATA

STA. NO. 2840 SANTA RITA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	1.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.9	0.	0.	0.	0.	0.	0.	0.	0.	0.9
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.8
6	0.	0.	0.	0.	2.8	0.	0.	0.	0.	0.	0.	0.	2.8
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.4	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
9	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.3
10	0.	0.2	0.	0.	0.	18.3	0.9	0.1	0.	0.	0.	0.	19.5
11	0.	1.4	1.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
12	0.	0.	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
13	0.	0.	0.	0.	0.	0.3	6.3	0.9	0.	0.	0.	0.	7.5
14	0.	0.	0.	0.5	0.	0.	0.	0.	0.	0.	0.	0.	4.2
15	0.	0.	0.	0.	0.2	0.9	0.	0.	0.	0.	0.	0.	1.1
16	0.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.5	0.	14.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	9.4	0.	0.	0.	0.	0.	0.	0.	0.	9.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.4	0.1	1.0	0.4	0.	0.	0.	1.9
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	0.	2.2

PRECIPITATION DATA
STA. NO. 2840 SANTA RITA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	1.1	0.	0.	0.	0.	0.	.3	.1	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6	.3	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	2.5	0.	0.	0.	0.	0.	0.	5.0	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.8	11.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3	.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	16.1	6.6	0.	0.	0.	0.	0.	23.3
3	0.	0.	2.9	0.	0.	.4	0.	0.	0.	0.	0.	0.	3.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	6.3	3.5	0.	0.	0.	0.	0.	0.	11.3
6	0.	0.	0.	0.	0.	0.	0.	0.	20.3	3.2	0.	0.	23.9
7	0.	0.	12.2	1.2	.1	0.	0.	0.	0.	0.	0.	0.	13.6
8	0.	0.	6.1	.1	.2	0.	0.	0.	0.	0.	0.	0.	13.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	1.9	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
12	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
14	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	1.9	.1	0.	.2	1.2	.3	0.	0.	3.7
17	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	.1	.8	1.6
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	5.7	2.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.0
20	0.	0.	0.	0.	4.2	.9	0.	0.	0.	0.	0.	0.	5.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	5.7
25	0.	0.	0.	.8	.5	.8	0.	0.	0.	0.	0.	0.	2.1
26	0.	2.6	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.	2.5
28	0.	11.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2840 SANTA RITA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	7.8	.9	.1	.8
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.6	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	1.8	0.	0.	0.	0.	0.	0.	0.	0.	1.8
4	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
7	0.	6.9	1.5	9.9	0.	0.	0.	0.	0.	0.	0.	0.	27.9
8	2.3	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	10.0	0.	0.	0.	0.	0.	0.	10.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	.1	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	1.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2850 La Centella.

LOCATION: Longitude $63^{\circ} 03'$ W, latitude $09^{\circ} 11'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2850 LA CENTELLA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 2850 LA CENTELLA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.8	.1	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	2.9	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
7	.4	11.9	.4	0.	0.	0.	0.	.1	.4	0.	.1	0.	13.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	4.1	0.	0.	0.	0.	0.	0.	0.	0.	4.1
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	.3	.2	0.	0.	0.	0.	.5
18	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
20	0.	0.	0.	.1	.3	.1	0.	0.	0.	0.	0.	0.	.5
21	0.	0.	0.	0.	0.	0.	.2	3.8	.2	0.	0.	0.	4.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	7.0	5.0	0.	0.	0.	0.	0.	0.	0.	12.0
24	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
25	0.	0.	0.	0.	.1	.2	0.	0.	0.	0.	0.	0.	.3
26	.7	15.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.2	0.	0.	0.	.4	0.	0.	0.	0.	0.	.6

PRECIPITATION DATA
STA. NO. 2850 LA CENTELLA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.4
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	.1	0.	.1	0.	0.	0.	0.	1.4	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2	6.2	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	2.8	21.3	1.9	.1	0.	0.	0.	0.	0.	0.	0.	0.	26.6
9	.8	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.3
10	0.	0.	0.	0.	7.5	1.3	.7	0.	0.	0.	0.	0.	9.5
11	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
12	0.	0.	1.2	.3	1.9	3.1	0.	0.	0.	0.	0.	0.	8.1
13	0.	0.	1.1	0.	0.	.1	.2	0.	0.	0.	0.	0.	1.4
14	0.	0.	0.	.1	1.0	3.7	3.3	0.	.1	0.	0.	0.	19.6
15	0.	0.	0.	0.	.4	.2	0.	0.	0.	0.	0.	0.	.6
16	0.	4.0	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	4.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
19	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	0.	.7
21	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	1.5	1.5	15.5	30.0	7.8	1.9	3.5	5.1	4.7	.6	.2	.1	72.4
26	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8

PRECIPITATION DATA

STA. NO. 2850 LA CENTELLA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
2	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	2.6	0.	0.	0.	0.	0.	0.	0.	0.
19	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	2.5	.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
2	0.	0.	0.	0.	21.3	3.5	.7	0.	0.	0.	0.	0.	25.6
3	1.3	0.	0.	13.2	0.	1.0	.1	.1	0.	0.	0.	0.	16.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4
10	0.	0.	1.9	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.0
11	0.	0.	.1	0.	.6	11.6	.3	0.	0.	0.	0.	0.	13.2
12	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.4
13	4.4	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	1.0	8.4	16.6	1.1	2.6	.8	0.	0.	30.6
17	0.	0.	0.	0.	0.	0.	.2	27.9	4.7	2.7	0.	0.	35.6
18	0.	0.	0.	0.	0.	18.6	40.4	.4	.4	0.	0.	0.	62.4
19	0.	0.	0.	7.7	.1	0.	0.	0.	0.	0.	0.	0.	12.0
20	0.	0.	0.	0.	.2	.1	0.	0.	0.	0.	0.	0.	.3
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
23	0.	0.	0.	0.	0.	1.1	.7	0.	0.	0.	0.	0.	3.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	5.7	5.4	.1	0.	0.	0.	0.	0.	0.	11.2
26	.2	.3	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. 2850 LA CENTELLA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1	4.3
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4	1.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6E
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.7	.3	2.2	.6	0.	0.	0.	0.	0.	0.	0.	5.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.1	0.	3.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
6	0.	0.	6.6	17.4	0.	0.	0.	0.	0.	0.	0.	0.	24.0
7	0.	0.	.6	.9	0.	0.	0.	0.	0.	0.	0.	0.	1.5
8	28.5	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	31.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	.9E	10.5E	.2E	0.	0.	0.	0.	0.	0.	0.	0.	11.6E
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6E
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	4.1	1.6	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.0
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	.1	2.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 2980 El Silencio.

LOCATION: Longitude $62^{\circ} 50'$ W, latitude $09^{\circ} 10'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 2980 EL SILENCIO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	1	0.	4	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
20	0.	0.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.4	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	3.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0

PRECIPITATION DATA

STA. NO. 2980 EL SILENCIO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	4.9
6	0.	0.	0.	0.	0.	.2	.5	.3	.1	0.	0.	0.
7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	3.9	.1	0.	0.	0.	0.	0.	.8	0.	.4
19	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.7	0.	0.	.1	2.0	0.	0.	0.	0.	0.	0.	0.	2.8
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
6	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
7	20.9	9.9	0.	.6	1.2	0.	0.	0.	0.	0.	0.	0.	40.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.2	0.	.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	7.3	1.6	0.	0.	0.	0.	.1	9.0
18	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	5.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
20	0.	0.	.4	2.5	.2	0.	0.	0.	0.	0.	0.	0.	3.1
21	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	18.7	.4	.1	0.	0.	0.	0.	0.	0.	19.2
24	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	2.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	2.8
26	0.	0.	0.	0.	1.1	.1	0.	0.	0.	0.	0.	0.	1.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	.1	.9	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2

PRECIPITATION DATA
STA. NO. 2980 EL SILENCIO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.0	.4
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	.9	0.	0.	0.	0.	0.	0.	1.4	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	7.0	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
2	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
8	0.	4.2	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
9	.6	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.2
10	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	3.1	.9	0.	0.	0.	0.	0.	0.	0.	0.	6.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	.3	16.5	17.9	.8	3.5	.9	.3	.3	0.	0.	0.	47.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	0.	6.1	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	6.4
17	0.	0.	0.	2.2	0.	0.	0.	0.	0.	0.	0.	0.	2.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.1	3.8	0.	0.	0.	0.	0.	0.	0.	0.	3.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	29.8	20.6	3.4	4.0	2.1	1.1	0.	0.	61.0
26	.6	0.	0.	0.	0.	.2	.6	0.	0.	0.	0.	0.	1.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 2980 EL SILENCIO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	.6	0.	.8	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	.3	0.	.1	.1	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1	.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	3.7	0.	0.	0.	0.	0.	0.	3.7
3	0.	0.	.1	13.0	1.1	0.	0.	0.	0.	0.	0.	0.	14.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
6	0.	0.	0.	0.	0.	0.	0.	.3	3.0	0.	0.	0.	3.3
7	.1	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
8	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	2.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8
14	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
15	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
16	0.	0.	0.	0.	17.1	.1	0.	.1	1.7	2.0	1.0	0.	22.0
17	0.	0.	0.	0.	0.	0.	0.	.2	.8	5.6	.4	1.6	9.1
18	0.	0.	0.	0.	0.	0.	0.	.5	.4	0.	0.	0.	.9
19	1.0	0.	28.3	2.1	0.	0.	0.	0.	0.	0.	0.	0.	31.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
23	0.	0.	0.	.1	.2	.2	0.	0.	0.	0.	0.	0.	.5
24	0.	.7	12.6	.1	0.	0.	0.	0.	0.	0.	0.	0.	13.4
25	0.	.2	7.3	17.8	.1	0.	0.	0.	0.	0.	0.	0.	25.4
26	0.	.3	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	1.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	.9	0.	0.	0.	0.	0.	0.	0.	0.	.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2

PRECIPITATION DATA
STA. NO. 2980 FL SILENCIO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	7.5	8.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.7
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	3.6	.3	6.0	2.5	.1	0.	0.	.2	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	15.5	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.5
6	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	40.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	40.4
11	0.	0.	.3	.3	0.	0.	0.	0.	0.	0.	0.	0.	10.3
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	12.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.1	18.8	.1	0.	0.	0.	0.	0.	0.	0.	19.0
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.4
28	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 3712 Pariaguan.

LOCATION: Longitude $64^{\circ} 43'$ W, latitude $08^{\circ} 51'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 3712 PARIAGUAN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	.1	.3	14.0	2.9	2.2	1.5	1.0	.2	0.	.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	6.4	7.0	3.6	2.1	2.5	6.0	.1	.1	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	.6	.2	.2	0.	1.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0	1.1	5.1
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	4.4	5.0
9	0.	0.	0.	0.	3.0	0.	0.	.5	0.	0.	0.	0.	34.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	4.8	4.5	0.	0.	9.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	.8	8.3	1.5	.2	3.6	0.	0.	14.5
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	1.0	1.9	0.	0.	0.	0.	0.	0.	0.	0.	2.9
24	0.	0.	.8	.7	0.	0.	0.	0.	0.	0.	0.	0.	1.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	M	M	M	0.	0.	0.	0.	M
29	0.	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NO. 3712 PARIAGUAN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	.1	0.	.2	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	.1	.4	.7	.2
18	0.	0.	0.	0.	0.	0.	0.	.3	4.5	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.1	0.	0.	.3	0.	.1	0.	0.	0.	.2
23	.7	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	41.0	1.7	10.6	0.	0.	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.6	6.4	0.	0.	0.	0.	0.	0.	0.	7.0
6	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.4
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	1.5	2.3
8	0.	0.	0.	0.	0.	6.0	0.	0.	0.	0.	0.	0.	6.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
14	0.	0.	0.	1.1	0.	0.	0.	0.	0.	0.	0.	0.	1.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.2	0.	0.	13.9	0.	1.6	.1	15.8
17	1.1	.1	.1	0.	0.	0.	0.	0.	.5	11.9	.7	.6	16.4
18	0.	0.	0.	.9	.1	0.	0.	0.	0.	0.	0.	0.	5.8
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	1.9	2.5	.2	0.	0.	.1	.6	0.	0.	5.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9	4.6
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
24	0.	0.	0.	5.4	.5	0.	0.	0.	0.	0.	0.	0.	5.9
25	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
29	0.	0.	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	.2
30	0.	0.	0.	.2	0.	3.8	0.	0.	0.	.1	0.	0.	4.1

PRECIPITATION DATA

STA. NO. 3712 PARIAGUAN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.2
9	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	1.4	7.3
12	0.	3.7	.1	0.	.8	0.	0.	3.2	0.	.2	0.	0.
13	.2	.8	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	.2	1.4	1.4	2.0	4.5	.9	0.	.5	.1	0.
15	.5	0.	0.	0.	0.	0.	0.	0.	2.0	0.	0.	0.
16	0.	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	2.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.3	.2	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.1
26	0.	0.	0.	0.	0.	0.	.1	.3	0.	0.	0.	0.
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
2	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	1.9	0.	0.	0.	0.	.6	.6	0.	.1	.1	3.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	3.3	0.	0.	0.	0.	3.3
8	0.	0.	0.	.5	.7	0.	0.	16.2	.1	.1	.1	0.	18.0
9	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
10	3.5	0.	0.	0.	0.	3.2	5.4	3.9	.5	0.	0.	0.	16.5
11	2.9	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	14.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	.9	8.9
13	0.	.6	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	2.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	11.5
15	0.	0.	0.	19.7	2.5	6.1	4.3	0.	.2	.6	.2	0.	36.1
16	0.	0.	0.	.1	.7	0.	0.	.1	0.	0.	0.	0.	1.1
17	2.5	.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
18	8.4	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3	13.0
19	0.	0.	0.	5.7	4.3	0.	0.	0.	0.	0.	0.	0.	10.6
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	1.7	.9	.1	0.	0.	2.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	.7	0.	0.	0.	0.	0.	.1	0.	0.	0.	1.4
26	.1	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	4.5

PRECIPITATION DATA

STA. NO. 3712 PARIAGUAN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
4	.1	0.	0.	0.	.1	0.	0.	0.	.1	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
12	1.7	16.0	7.8	4.7	.1	0.	0.	.1	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	.1	0.	0.	0.	0.	.1	0.	4.7	.9	.1	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	1.5	7.9	4.1	2.2	.7	.1	0.	.1	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	.1	0.	2.5	0.	0.	0.	0.	0.	2.6
2	0.	0.	1.1	10.0	.1	0.	0.	0.	0.	0.	0.	0.	11.2
3	0.	0.	.1	1.4	0.	0.	1.0	7.7	5.2	2.8	.1	0.	18.5
4	0.	0.	1.5	0.	.1	0.	0.	0.	0.	0.	.1	0.	2.0
5	0.	0.	0.	0.	0.	5.1	5.2	0.	0.	0.	0.	0.	10.3
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.9	1.4
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	1.2	25.1	3.5	3.2	.5	.1	0.	0.	0.	.1	38.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	.7	.1	0.	0.	0.	0.	3.7	3.7	.1	0.	0.	6.7
13	.2	10.2	.2	2.2	25.7	1.1	.3	0.	0.	0.	.1	0.	38.7
14	1.1	.4	3.0	.4	0.	0.	0.	0.	0.	0.	0.	.1	42.3
15	0.	0.	0.	0.	0.	0.	0.	0.	6.7	0.	.1	0.	5.1
16	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	6.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
18	0.	0.	0.	14.6	.2	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	31.4
20	0.	2.6	0.	0.	0.	0.	0.	3.5	0.	0.	0.	0.	.2
21	0.	0.	0.	1.0	.2	0.	0.	0.	0.	0.	0.	0.	6.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
23	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
25	0.	0.	0.	0.	.5	.3	.3	0.	0.	0.	0.	0.	0.
26	0.	0.	.1	2.0	6.1	.1	0.	0.	0.	0.	0.	0.	1.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	8.4
28	30.1	.2	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.1
30	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
													.3

PRECIPITATION DATA

STA. NO. 3712 PARIAGUAN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.
2	.2	.5	0.	0.	0.	.1	0.	.2	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	26.7	1.6	2.6	.2	0.	6.3	2.0	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	9.7	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	.5	2.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
3	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.1	0.	0.	3.5	0.	0.	0.	0.	0.	3.6
6	0.	0.	0.	0.	0.	0.	0.	5.0	0.	.1	0.	0.	5.1
7	0.	0.	0.	0.	0.	2.1	0.	0.	.1	0.	0.	0.	2.3
8	0.	0.	0.	9.3	.1	.1	0.	0.	0.	0.	0.	.1	9.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
10	0.	0.	0.	0.	0.	10.1	.4	.1	0.	0.	0.	0.	10.6
11	0.	.3	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	1.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	.1
14	0.	0.	0.	0.	.4	0.	0.	.2	0.	0.	0.	0.	.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	39.4
17	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	2.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	4.5	5.9	0.	0.	0.	2.1	0.	0.	0.	12.5
22	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
23	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	3.0	13.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.3
28	0.	0.	.1	0.	0.	0.	.5	2.5	0.	0.	0.	0.	3.1
29	0.	2.1	0.	0.	4.4	10.4	0.	.1	0.	0.	0.	0.	17.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. 3716 El Tigre.

LOCATION: Longitude $64^{\circ} 16'$ W, latitude $08^{\circ} 54'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 3716 EL TIGRE
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	.3	.1	0.	.1	0.	0.	0.	0.
6	.4	0.	.4	.1	0.	0.	0.	0.	0.	0.	0.	0.
7	.6	0.	0.	.7	1.1	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	5.8	3.2	1.8	5.1	.1	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	24.9	2.5	.8	0.	0.	28.2
5	0.	0.	0.	0.	0.	0.	0.	0.	.7	1.0	0.	0.	2.2
6	0.	0.	0.	0.	0.	.5	0.	.2	0.	0.	.7	0.	2.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
8	0.	0.	0.	0.	0.	0.	0.	1.4	12.1	4.3	7.9	6.6	32.3
9	0.	2.1	0.	0.	10.2	5.6	0.	0.	0.	0.	0.	0.	33.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
20	0.	0.	0.	0.	0.	3.4	.1	0.	0.	0.	0.	0.	3.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.1	0.	0.	0.	0.	6.9	0.	0.	0.	0.	0.	0.	7.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	.3	1.2	0.	1.6	.1	0.	0.	.1	0.	0.	0.	3.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 3216 EL TIGRE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	.1	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	.9
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.1	.5	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
22	0.	0.	0.	2.4	0.	0.	0.	0.	0.	.3	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.3	1.0
30	0.	2.0	0.	0.	9.4	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
2	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	1.0
3	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	2.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
6	0.	.6	.1	5.1	0.	0.	0.	0.	0.	0.	0.	2.8	9.2
7	0.	0.	0.	0.	4.6	1.5	0.	0.	0.	0.	.2	0.	6.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	.4	.2	.2	0.	.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	.1	2.3	.1	0.	0.	11.1	2.1	0.	.1	0.	15.8
17	6.8	0.	0.	0.	0.	0.	0.	.1	1.5	1.0	1.0	0.	10.4
18	0.	0.	.7	.1	0.	.4	0.	0.	0.	0.	0.	0.	1.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	6.3	2.4	0.	2.9	.1	0.	0.	.5	.9	.1	0.	.1	13.4
22	0.	.1	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	3.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.1	5.2	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
29	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.4

PRECIPITATION DATA
STA. NO. 3716 EL TIGRE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	.9	.5
11	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1	0.
12	0.	0.	0.	0.	.1	0.	0.	2.7	0.	0.	.6	.8
13	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.4	.6
14	0.	.2	2.2	.2	.4	.1	.1	1.2	.9	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	1.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	0.	0.	1.2
9	1.5	.3	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	1.9
10	0.	0.	0.	0.	14.2	27.5	2.9	.5	.8	0.	.1	0.	47.5
11	.1	1.2	8.2	.1	4.5	1.2	0.	0.	0.	0.	0.	0.	15.5
12	0.	0.	2.1	.3	0.	0.	0.	.5	.2	3.3	0.	0.	10.6
13	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	.5	.2	1.9
14	0.	0.	0.	0.	0.	.1	0.	0.	1.3	2.0	1.7	.5	10.9
15	0.	.1	0.	21.2	1.9	0.	0.	.7	.8	0.	0.	0.	24.7
16	0.	0.	0.	5.2	2.8	.3	0.	0.	0.	0.	0.	.1	8.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8	3.9	.7	5.4
18	2.6	.1	0.	0.	0.	25.8	3.6	.2	.1	.5	1.1	.5	34.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	1.8	.2	0.	0.	0.	0.	2.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	0.	0.	M
30	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
31	.5	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.6

PRECIPITATION DATA

STA. NO. 3716 EL TIGRE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	2.8	24.0	1.1	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	0.	0.
5	0.	0.	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	3.3	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3	5.1	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.9	4.4	0.	.1	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	3.2	.9	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4	0.	.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.9
2	0.	0.	0.	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
8	0.	7.8	.4	.2	7.6	3.2	1.4	0.	0.	0.	.1	0.	24.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
10	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	1.0
11	3.7	0.	0.	0.	0.	0.	0.	0.	0.	57.2	2.5	.2	66.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.5	.3	0.	0.	0.	0.	0.	0.	0.	0.	7.2
14	0.	0.	.3	2.5	2.5	0.	0.	0.	0.	0.	0.	0.	5.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1
18	0.	0.	0.	0.	67.2	10.4	.1	.3	.4	.3	0.	.1	82.9
19	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
21	0.	0.	0.	1.8	0.	0.	0.	0.	0.	0.	0.	0.	1.8
22	.8	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 3716 EL TIENE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	1.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	18.6	.8	0.	0.	0.	0.	0.	0.	19.4
6	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	1.0
7	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	1.3
8	0.	0.	10.8	1.2	0.	0.	0.	0.	0.	0.	0.	0.	12.0
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	.3	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

NAME: Sta. No. 3718 El Manguito.

LOCATION: Longitude $64^{\circ} 52'$ W, latitude $08^{\circ} 41'$ N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 3718 EL MANGUITO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3	6.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.5	.1	.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	.4
24	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	.8	0.	0.	0.	0.	0.	0.	0.	.8
29	0.	.1	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.	7.7
30	0.	4.8	2.3	.6	0.	0.	0.	0.	0.	0.	0.	0.	7.7
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8

PRECIPITATION DATA

STA. NO. 3718 EL MANGUITO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	.2	.1	0.	0.	1.7	0.	.1
3	.1	.2	.7	0.	0.	.2	2.0	.3	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	.7	.2	.1	.3	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	3.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
18	0.	0.	0.	0.	0.	0.	0.	8.4	2.9	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.3	0.	.1	.2	0.	0.	0.	0.	0.	0.	0.	0.
23	19.9	1.1	1.1	.7	.1	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	2.2	2.1	.8	0.	7.2
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	.3	4.4
4	0.	0.	0.	0.	0.	11.8	3.8	0.	0.	0.	0.	0.	15.6
5	0.	2.3	0.	0.	0.	10.2	.1	0.	0.	0.	0.	0.	12.6
6	0.	0.	0.	.4	0.	0.	0.	0.	0.	0.	0.	0.	.4
7	1.6	0.	0.	0.	0.	4.8	.1	0.	0.	1.5	1.9	.4	10.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.1	.1	.6
13	0.	0.	0.	0.	0.	0.	0.	0.	5.2	0.	0.	0.	5.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	0.	.3	.9
15	0.	0.	0.	0.	3.1	.7	0.	0.	0.	0.	0.	0.	5.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4	3.9	19.6	25.9
17	0.	.5	.1	0.	0.	0.	0.	1.0	1.6	6.3	2.6	.5	17.2
18	0.	0.	0.	.4	0.	.2	0.	0.	0.	0.	0.	0.	11.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.9	0.	0.	.6	0.	.2	0.	.1	17.2	0.	0.	0.	19.0
22	.8	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.9
24	0.	0.	0.	0.	0.	0.	0.	0.	6.1	0.	.6	.2	7.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	.5	0.	.1	0.	0.	0.	0.	0.	0.	.6
29	0.	.1	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.5

PRECIPITATION DATA

STA. NO. 3718 EL MANGUITO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	.2	0.	0.	0.	.1	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	.2	.1	0.	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	0.
11	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.2	0.
12	0.	0.	.9	.5	.8	.1	.9	0.	0.	0.	0.	.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
14	.1	.6	.1	.5	3.2	2.3	.2	.3	0.	0.	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	.1	.6	0.	0.	0.	0.	0.	0.	.7
2	0.	0.	0.	0.	4.2	.1	0.	0.	0.	0.	0.	0.	4.3
3	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1	0.	.1	.4
4	.3	.6	3.6	0.	0.	0.	0.	9.6	17.5	0.	0.	0.	31.9
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	.1
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.7	1.4	0.	0.	1.4	.4	0.	0.	0.	0.	0.	5.3
9	0.	.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
10	.1	.1	1.6	0.	.1	.6	1.4	.2	0.	0.	0.	0.	5.6
11	0.	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	.9
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
13	0.	0.	0.	.1	.1	.3	1.4	0.	0.	.1	.2	.2	5.3
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	4.2	0.	0.	0.	0.	0.	2.7	.9	0.	0.	0.	0.	9.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	.1	1.5	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	1.8
29	0.	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	.3

PRECIPITATION DATA

STA. NO. 3718 EL MANGUITO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	.1	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.1
4	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.	0.	.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	2.7	1.9	.9	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	.2	.3
12	13.5	9.3	3.7	.8	0.	0.	0.	0.	.1	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
15	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
16	0.	1.0	6.8	.2	.1	1.8	.5	10.1	.6	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	2.7	1.0	2.5	1.1	1.7	.2	0.	0.	0.	0.
19	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.4	.1
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.9	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	1.4	.8	0.	.6	.9	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	1.5	.7	0.	0.	0.	2.2
3	.2	0.	.9	0.	0.	0.	15.9	26.1	4.0	1.2	.1	.1	49.6
4	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	1.1
5	0.	0.	0.	0.	0.	11.1	.1	0.	0.	0.	0.	0.	11.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.6	0.	1.2
7	0.	0.	.8	.1	0.	0.	0.	0.	0.	0.	0.	0.	.9
8	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	5.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1	.8	2.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
11	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	2.1
12	.8	0.	.1	.4	.9	0.	0.	0.	.6	1.2	0.	0.	31.4
13	1.8	3.4	0.	0.	.7	.5	0.	.1	0.	0.	0.	0.	7.1
14	0.	.1	0.	0.	0.	.1	0.	0.	0.	.6	0.	0.	5.0
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	1.7	11.8	.3	0.	0.	0.	0.	0.	0.	0.	23.0
19	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
20	7.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	5.7	3.4	.2	0.	0.	0.	.1	.4	10.0
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
24	12.2	2.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.5
25	0.	0.	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	.3
26	0.	0.	0.	0.	.7	1.5	.1	0.	0.	0.	0.	0.	2.3
27	0.	0.	0.	2.4	.9	0.	0.	0.	0.	3.3	.1	0.	6.7
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. 3718 EL MANGUITO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	2.1	0.	1.0	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	1.4	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.3	5.4	.7	.8	.4	.1	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
3	0.	1.4	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	.2	0.	4.6	0.	0.	0.	7.9
6	.5	3.9	0.	0.	0.	.1	0.	0.	0.	.3	0.	0.	4.8
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.5	0.	0.	2.8	0.	0.	0.	0.	0.	0.	0.	4.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
10	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
11	0.	0.	3.4	1.8	0.	0.	0.	0.	0.	0.	0.	0.	5.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	.4	.4	0.	0.	0.	0.	0.	0.	0.	.8
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
17	0.	0.	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	3.3	2.1	.3	0.	0.	1.4	.1	.1	.7	8.2
22	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
23	0.	0.	0.	0.	0.	.3	.1	0.	0.	0.	0.	0.	.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	3.8	2.9	0.	0.	6.7
29	0.	0.	0.	0.	0.	0.	4.3	0.	0.	0.	0.	0.	4.4
30	0.	0.	0.	0.	0.	0.	8.7	.1	0.	0.	0.	0.	8.8

PRECIPITATION DATA

NAME: Sta. No. 3820 Joaquín.

LOCATION: Longitude 63° 16' W, latitude 08° 59' N.

RECORDS AVAILABLE: Hourly precipitation from May 1, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage, installed and maintained by M. O. P..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 3820 JOAQUIN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	.1	.1	.2	.5	.5	.3	.8	.3	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	.3	0.	.1	0.	0.	2.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	.5
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	12.9	0.	0.	0.	0.	0.	12.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
20	0.	0.	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	.6
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.3	0.	0.	1.4	0.	0.	0.	0.	0.	0.	.5	.3	4.9
24	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	6.4	0.	1.8	.2	0.	0.	0.	0.	0.	0.	0.	0.	11.4
30	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	.7
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 3820 JOAQUIN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	.5	.1	0.	0.	0.	0.
7	1.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	1.1	0.	0.	.1	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	2.3	6.3	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.1	.1	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	3.7	4.7
7	0.	0.	0.	10.3	4.8	0.	0.	0.	0.	0.	.1	.2	16.8
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	1.2	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
15	0.	0.	0.	3.2	0.	0.	0.	0.	0.	0.	0.	0.	3.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	.6	0.	0.	0.	.5	.4	.1	0.	0.	1.6
18	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	1.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	2.5	.3	.2	.1	.1	0.	3.2
22	.3	1.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	2.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	2.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	1.3	0.	0.	0.	0.	0.	0.	0.	0.	1.3
30	0.	0.	0.	.1	18.1	3.9	.3	.7	.1	0.	0.	0.	23.2

PRECIPITATION DATA

STA. NO. 3820 JOAQUIN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6	.2
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8	.8
14	0.	0.	0.	0.	0.	0.	0.	0.	.3	0.	.1	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	1.3
3	0.	.1	0.	0.	5.8	0.	0.	0.	0.	0.	0.	0.	5.9
4	0.	.1	0.	0.	1.7	7.0	0.	0.	0.	0.	0.	0.	8.8
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.7	.1	0.	0.	0.	0.	0.	0.	0.	0.	1.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
10	0.	0.	0.	0.	9.9	.2	.5	.9	.1	0.	0.	0.	11.6
11	1.9	.1	2.5	1.1	.1	0.	0.	0.	0.	0.	0.	0.	5.7
12	4.0	.2	0.	0.	2.3	11.8	2.7	2.6	0.	0.	0.	.1	24.2
13	0.	2.3	.1	0.	0.	9.0	1.2	.2	0.	0.	0.	0.	15.4
14	0.	0.	0.	0.	0.	0.	2.0	2.7	1.0	.3	.1	0.	6.5
15	0.	0.	11.8	.6	.9	10.3	.1	0.	0.	0.	0.	0.	23.7
16	.5	1.4	9.2	6.9	0.	.7	.8	0.	0.	0.	0.	0.	19.5
17	0.	3.2	3.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.1
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	1.9	0.	3.4	1.2	0.	0.	0.	0.	0.	6.5
22	.8	4.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.2	2.5	2.5	1.1	.1	0.	0.	6.4
26	0.	0.	.1	0.	0.	0.	0.	7.5	0.	0.	0.	0.	7.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	4.9	3.5	0.	0.	0.	0.	0.	0.	0.	8.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8

PRECIPITATION DATA

STA. NO. 3820 JOAQUIN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	.4	.1	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	.5	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.2	.4	.2	0.	0.	0.	0.	0.
17	.1	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4	1.9
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.
25	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
2	0.	0.	0.	0.	.7	0.	.7	.3	0.	0.	0.	0.	1.8
3	0.	0.	4.5	2.3	3.0	6.5	24.2	1.6	.8	0.	0.	0.	42.9
4	0.	0.	.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
5	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.8
6	0.	0.	0.	0.	0.	0.	.9	0.	.4	2.4	0.	0.	3.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	7.0	8.3	0.	0.	15.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	2.0
12	0.	0.	5.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.6
13	7.1	7.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.7
14	0.	0.	.4	.4	0.	0.	.4	0.	0.	0.	0.	0.	1.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	.7	1.0	0.	.4	.1	0.	3.0
17	0.	0.	0.	0.	0.	1.3	.2	.1	0.	0.	0.	0.	1.8
18	0.	0.	0.	0.	0.	0.	.6	2.4	1.0	0.	0.	0.	4.0
19	1.2	.2	0.	0.	0.	0.	8.2	0.	0.	0.	0.	0.	11.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
23	0.	0.	0.	0.	0.	0.	45.3	19.2	.5	0.	0.	0.	65.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
25	0.	0.	0.	.1	.4	0.	0.	0.	0.	0.	0.	0.	.6
26	1.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.1
27	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 3820 JOAQUIN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	1.5	1.6	0.2	0.	0.
24	0.	0.6	0.9	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.7	0.	1.0	0.	0.3	0.1	0.	0.	0.	0.	0.	0.	2.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	2.4	9.3	0.	0.	0.	0.	0.	0.	1.7	4.9	0.4	0.	18.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	6.5	0.1	0.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	15.4	0.4	0.	0.	0.	0.	0.	0.	0.	0.	16.0
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.6	0.	0.	0.	0.	0.	0.	0.	0.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	8.0	22.5	0.	0.	0.	0.	0.	0.	0.	0.	30.5
23	0.	0.	0.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. Ex 1 Campo Experimental de Guanipa.

LOCATION: Longitude 64⁰ 13' W, latitude 08⁰ 52' N.

RECORDS AVAILABLE: Hourly precipitation from May 7, 1969 through September 30, 1969.

GAGE: Fuess float-siphon gage installed and maintained by M. A. C..

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. EX 1 CAMPO EXPERIMENTAL DE GUANIPA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
7	M	"	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.2	0.	0.	.2	.4	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	M	"	"	M	M	M	"	M	0.	0.	0.	.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	2.4	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.7
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M	M
10	0.	0.	0.	0.	0.	.1	0.	0.	1.1	.2	0.	0.	M
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	.2	2.4	0.	0.	0.	0.	0.	0.	0.	0.	2.6
21	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.	.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	6.5	0.	0.	0.	0.	0.	0.	0.	6.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. EX 1 CAMPO EXPERIMENTAL DE GUANIPA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.
2	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	.4	4.9	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	1.0	2.0	1.0	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	2.4	.9	0.	2.5	0.	0.	0.	2.6	.1	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	.9	0.	0.	8.7	.8	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.3
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	1.5	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.6	1.4	0.	16.3
18	0.	0.	0.	0.	0.	0.	0.	.6	M	M	M	M	M
19	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
20	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	3.0	.3	0.	0.	0.	0.	0.	0.	0.	0.	11.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9	7.2	0.	8.5
25	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	.1
26	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
27	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
28	0.	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.7
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.4

PRECIPITATION DATA

STA. NO. EX 1 CAMPO EXPERIMENTAL DE GUANIPA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	9.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	.2	0.	0.	0.	0.	0.	.1	0.	0.	7.7	0.
5	0.	0.	0.	0.	0.	0.	.9	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	.1	3.3	5.6	.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	1.4	.2	0.	0.	.9	1.6	3.3	.1	.6	.1
15	.1	0.	0.	.8	1.7	.8	2.1	.6	0.	0.	0.	0.
16	0.	0.	0.	1.1	0.	0.	0.	0.	0.	0.	0.	0.
17	9.2	2.1	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	21.0	0.	0.	.5	1.5	.3	.4	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	0.	2.3	.3	0.	0.	0.	0.
26	0.	0.	.1	0.	.8	.3	0.	0.	0.	0.	0.	0.
27	0.	0.	.1	0.	.1	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	.1	.1	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	.1	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
9	0.	3.3	0.	.4	.5	0.	0.	0.	0.	0.	0.	0.	4.2
10	.9	0.	0.	0.	0.	0.	4.5	3.7	3.6	1.8	.4	.1	15.8
11	.2	.5	0.	0.	1.9	0.	4.9	.3	.1	0.	0.	0.	7.9
12	.1	1.8	0.	0.	0.	2.4	0.	0.	0.	0.	.5	0.	14.5
13	0.	0.	1.4	1.0	1.0	0.	0.	0.	0.	0.	0.	.1	3.5
14	.1	0.	0.	0.	0.	.1	.3	0.	0.	0.	0.	0.	8.7
15	0.	0.	.1	0.	0.	0.	0.	0.	4.2	.1	0.	6.2	16.7
16	0.	0.	0.	0.	0.	.3	.1	0.	0.	1.3	.1	.6	3.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3	2.2	0.	8.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	1.9	0.	3.3
27	7.6E	2.4E	13.4E	1.2	.3	0.	0.	0.	0.	0.	0.	0.	25.1E
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
29	0.	0.	0.	0.	1.9	0.	0.	0.	0.	0.	0.	0.	1.9
30	0.	0.	0.	0.	.3	0.	0.	0.	0.	0.	0.	0.	.5
31	0.	0.	0.	4.1	0.	0.	0.	2.0	0.	0.	0.	0.	6.2

PRECIPITATION DATA

STA. NO. EX 1 CAMPO EXPERIMENTAL DE GUANIPA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	.1	.8	0.	6.6	8.0	.1	0.	0.	0.	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	7.5	0.	.1	0.	1.5	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	11.0	1.3	.3	4.2	5.5	1.2	1.2
13	1.5	.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	2.5	.8	3.1	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	7.3	1.0	.4	0.	.9	0.	0.
20	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	3.1	3.1	0.	0.	0.	0.
22	0.	0.	0.	.2	.6	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.1	.5	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	.1	2.2	0.	0.	0.	0.	0.	0.	1.3	.8	.8
26	0.	0.	0.	0.	2.8	2.7	.1	.5	0.	.2	.4	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.2	6.0	3.0	1.1	.5	.1	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	.5	11.0	0.	0.	0.	.3	0.	.7	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	0.	0.	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	2.5	.1	0.	0.	0.	2.8	0.	0.	.7	1.1	.3	7.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
8	0.	0.	0.	1.4	1.2	15.3E	2.0	1.1	0.	0.	0.	0.	21.4E
9	0.	0.	0.	.5	.3	0.	0.	0.	0.	0.	0.	0.	.8
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1	.1
11	0.	0.	0.	0.	0.	.2	1.0	0.	0.	0.	0.	0.	10.3
12	.1	0.	0.	.1	0.	0.	0.	0.	5.3	0.	0.	0.	30.2
13	0.	0.	0.	0.	0.	.1	14.1	.1	0.	0.	0.	6.6	22.5
14	0.	0.	0.	0.	.1	0.	0.	0.	0.	0.	0.	0.	.1
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.4
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	2.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.1	5.8	16.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.8
23	.5	.2	0.	2.8	0.	0.	0.	0.	0.	0.	0.	.5	4.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.1	0.	0.	0.	8.1	7.1	0.	0.	0.	0.	0.	0.	20.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.5

PRECIPITATION DATA
 STA. VC. EX 1
 CAMPO EXPERIMENTAL DE GUANIPA
 SEPTEMBER 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1.5	2.3	10.0	0.	0.	0.	0.	0.	0.	0.	6.9	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	6.3	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	2.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	7.5	4.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	1.9	0.	0.	0.	1.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

11-195

CHAPTER III

DATA OBTAINED AT MRI STATIONS

INTRODUCTION

The Meteorological Section of VIMHEX established 12 meteorological recording instrument (MRI) stations in the study area covered by radar. Each MRI was equipped with a recording raingage. All MRI stations, shown on Figure III-1, were maintained on a weekly or semi-weekly basis by NCAR personnel. The rainfall records were processed by the Meteorological Section and hourly rainfall figures were supplied to the Hydrology Section. The data have been keypunched on cards and have been processed into the final tabular form used in this chapter.

During the course of the field experiment it was found that MRI records of intense rainfall periods could not be deciphered. The type of MRI raingage employed was a low inertia tipping bucket gage. Each one-hundreth of a inch of rainfall tips the bucket which in turn marks the chart with a vertical line. As the chart travel speed was very slow, intense rainfall resulted a solid block of vertical lines which could not be counted. Hence MRI rainfall records often obtained a large amount of estimated data or periods in which the records could not be interpolated, i.e., missing data.

MRI raingage data are identified by a station number given the prefix MI and a name assigned by NCAR. For example, the precipitation data obtained from the MRI station in the town of Anaco is identified

as Station MI 6 Anaco. Records are available from the time of installation to the end of September, 1969.

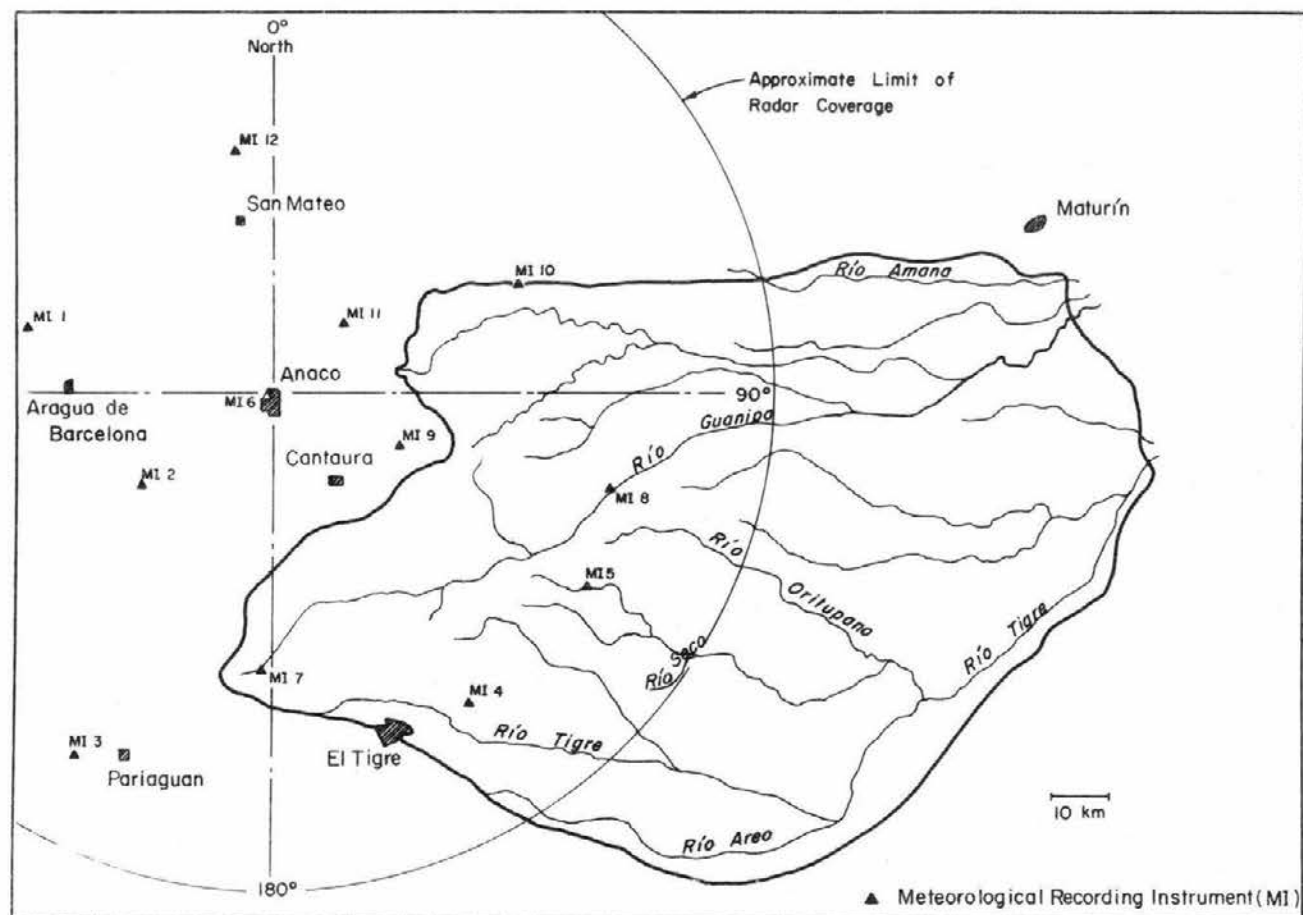


FIGURE III-1 LOCATIONS OF MRI RAIN GAGES

PRECIPITATION DATA

NAME: Sta. No. MI 1 Santa Juana near Aragua de Barcelona.

LOCATION: Longitude $64^{\circ} 52.8'$ W, latitude $09^{\circ} 33.6'$ N; approximately 13.2 km NW of Aragua de Barcelona at Santa Juana.

RECORDS AVAILABLE: Hourly precipitation from May 21, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 100', then 15' to 20' high trees to W; elevation of ground at gage--approximately 85 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. MI 1 SANTA JUANA NEAR ARAGUA DE BARCELONA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	24.6	24.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	2.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MJ 1 SANTA JUANA NEAR ARAGUA DE BARCELONA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	2.5	3.0	0.	0.	0.	0.	0.	0.	0.	5.5
6	1.0	0.	.5	.2	7.1	.7	0.	0.	0.	0.	0.	0.	9.5
7	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	2.7	0.	0.	0.	0.	0.	0.	2.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 1 SANTA JUANA NEAR ARAGUA DE BARCELONA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	0.	0.
9	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	.2	0.	0.	.2	0.	0.	0.	0.	.2	0.	0.	.2
15	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	0.	0.	.2	4.0	0.	0.	0.	0.	.5	.5	0.	.2	M
9	0.	1.2	0.	1.7	.7	0.	0.	0.	0.	0.	0.	0.	3.8
10	0.	0.	5.5	.2	0.	0.	0.	0.	0.	.2	.2	0.	6.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	2.2	1.2	0.	0.	0.	0.	3.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	1.0
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
19	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2

PRECIPITATION DATA

STA. NO. MI 1 SANTA JUANA NEAR ARAGUA DE BARCELONA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	M	M	M	M	M	M	M	M	M	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	2.7	1.0	0.	1.0	2.7	1.5	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
15	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
19	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	1.7
23	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	1.7	1.5	0.	0.	0.	0.	0.	0.	0.	0.	3.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	1.7
4	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.9
5	0.	0.	4.5	1.5	.2	0.	0.	0.	0.	0.	0.	0.	6.2
6	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.7
7	0.	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	.7
8	0.	0.	0.	0.	3.8	0.	0.	0.	0.	0.	0.	.2	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
10	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	3.3
11	.2	0.	4.8	.2	0.	0.	0.	0.	0.	0.	0.	1.5	6.7
12	0.	0.	0.	0.	.7	.2	.2	0.	0.	0.	0.	0.	10.0
13	0.	0.	0.	5.0	1.2	0.	.2	0.	0.	0.	0.	0.	6.4
14	11.6	.2	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	17.0
15	0.	0.	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	.2	1.0	.2	0.	0.	0.	0.	0.	1.6
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
21	0.	13.2	0.	.7	.2	0.	0.	0.	0.	0.	0.	0.	14.1
22	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
23	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
24	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2	0.	0.	.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	2.0	0.	0.	7.8	.5	0.	10.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	3.8	10.6	1.2	3.8	1.0	0.	0.	0.	20.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.5

PRECIPITATION DATA

STA. NO. MI 1 SANTA JUANA NEAR ARAGUA DE BARCELONA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	17.0	1.0	0.	0.	0.	0.	0.	18.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
3	0.	0.	0.	69.8	0.	0.	0.	0.	0.	0.	0.	0.	69.8
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	.5	0.	0.	2.0	0.	0.	0.	2.5
7	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
8	4.5	1.2	3.5	1.2	0.	0.	0.	0.	0.	0.	0.	0.	10.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	4.8	0.	0.	0.	0.	0.	0.	4.8
11	0.	0.	0.	0.	8.6	0.	.7	0.	0.	0.	0.	0.	9.3
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	.2	2.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	3.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI 2 San Roque.

LOCATION: Longitude $64^{\circ} 41.1'$ W, latitude $09^{\circ} 18.0'$ N; approximately 23.3 km SE of Aragua de Barcelona at San Roque.

RECORDS AVAILABLE: Hourly precipitation from May 27, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 600' to 700'; elevation of ground at gage--approximately 180 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. MI 2 SAN ROQUE
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
27	M	M	M	M	M	M	M	M	M	M	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 2 SAN ROQUE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	.7
2	0.	0.	0.	0.	0.	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
6	0.	0.	0.	0.	1.5	0.	2.2	2.2	0.	0.	0.	0.	5.9
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	0.	0.	1.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 2 SAN ROQUE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	M	M	M	M	M	M	M	M	M	M	M	M
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	.2	0.	0.	.2	1.2	0.	0.	0.	0.	0.	0.	0.	1.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.2	0.	0.	0.	0.	0.	0.	.7	0.	0.	.9
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	.2	.2	0.	0.	0.	0.	0.	0.	0.	.4
16	0.	0.	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	0.	0.	0.	0.	0.	0.	M
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 2 SAN ROQUE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	.2	0.	.2	.2	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	M	M	M	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	M	M	M	M	M	M	M	M	M	M	M	M
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
3	M	M	M	M	M	M	M	0.	0.	0.	0.	0.	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
7	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	1.2
15	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.5	0.	.7
16	0.	0.	0.	0.	0.	0.	2.0	M	M	M	M	M	M
17	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	M
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	1.2E	1.2E	0.	0.	0.	0.	0.	0.	0.	0.	2.4E
21	0.	0.	0.	0.	.2E	0.	0.	0.	0.	0.	0.	0.	.2E
22	0.	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
23	2.7E	1.5E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2E
24	0.	0.	0.	0.	0.	.2E	0.	0.	0.	0.	0.	0.	.2E
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	M	M	M	M	M	M	M	M	M	M	M	0.	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. MI 2 SAN ROQUE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	5.3	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M	M
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	18.7	0.	0.	0.	0.	0.	18.7
11	0.	1.5	2.0	.2	2.5	5.3	.2	0.	0.	0.	0.	0.	11.7
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
17	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6
24	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	.5
29	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No, MI 3 Hato El Palote near Pariaguan.

LOCATION: Longitude $64^{\circ} 47.4'$ W, latitude $08^{\circ} 51.0'$ N; approximately 8.2 km WNW of Pariaguan at Hato El Palote.

RECORDS AVAILABLE: Hourly precipitation from May 26, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a 300' radius; elevation of ground at gage--approximately 200 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. MI 3 HATO EL PALOTE NEAR PARIAGUAN
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	1.0	.5	24.1	0.	0.	0.	0.	25.6
29	0.	0.	0.	1.0	.7	.2	0.	0.	0.	0.	0.	0.	1.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
31	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	2.5

PRECIPITATION DATA

STA. NO. MI 3 HATO EL PALOTE NEAR PARIAGUAN
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	.2	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.2	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	5.8	28.1	3.8	12.7	0.	50.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	2.5	0.	3.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	23.3	.5	3.5	0.	27.3
17	2.0	0.	.2	0.	0.	0.	0.	0.	.5	4.5	.7	.5	10.6
18	.2	0.	0.	6.8	0.	0.	0.	0.	0.	0.	0.	0.	7.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 3 HATO EL PALOTE NEAR PARIAGUAN
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	.5	0.	2.0	.2	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	.2	.2	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	3.8	6.3	0.	0.	0.	10.1
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	0.	1.2	.5	0.	0.	0.	1.2	0.	0.	0.	5.6
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	11.4	0.	0.	0.	0.	0.	.2	1.5	2.2	2.0	0.	0.	17.7
28	0.	3.3	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	3.5
29	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	.7
30	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.2
31	0.	0.	.2	.7	.2	0.	0.	0.	0.	0.	0.	0.	1.1

PRECIPITATION DATA

STA. NO. MI 3 HATO EL PALOTE NEAR PARIAGUAN
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 3 HATO EL PALOTE NEAR PARIAGUAN
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	.5	.7	0.	0.
2	.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	.7	0.	.2	.2	2.0	.2	.2	0.	0.	M	M	M
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	33.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	2.0	36.7
2	0.	0.	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
5	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.2
6	0.	0.	0.	0.	0.	0.	0.	19.0	0.	0.	0.	0.	19.0
7	0.	0.	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	3.0
8	0.	0.	0.	9.3	.2	.5	0.	0.	0.	0.	0.	0.	10.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	9.3	.2	0.	M	M	M	M
11	0.	0.	1.0	0.	0.	0.	.2	0.	0.	0.	0.	0.	M
12	0.	0.	0.	0.	2.7	.2	0.	0.	0.	0.	0.	0.	2.9
13	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	6.6	0.	0.	0.	0.	0.	0.	6.6
15	0.	0.	1.5	1.7	0.	0.	0.	0.	0.	0.	0.	5.8	9.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
17	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	.2	0.	0.	0.	16.5	.2	0.	0.	16.9
22	0.	1.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
23	0.	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	M
29	0.	0.	0.	0.	0.	4.8	.2	0.	0.	0.	0.	0.	5.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI 4 San Tomé.

LOCATION: Longitude 64° 08.2' W, latitude 08° 56.6' N;
approximately 15.5 km ENE of El Tigre at
San Tomé.

RECORDS AVAILABLE: Hourly precipitation from May 20, 1969 through
September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to
mechanical weather station, 8" diameter
collector 28" to 32" above the surrounding
terrain. Range--unlimited; accuracy--within
 $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at
a rate of 10" per hour; exposure--open for a
radius of 300'; elevation of ground at gage
approximately 250 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. MI 4 SAN TOME
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
20	M	M	M	M	M	M	M	M	M	M	M	M
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
20	0.	0.	0.	0.	0.	7.1	1.5	0.	0.	0.	0.	0.	M
21	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.5	0.	5.3	0.	0.	.2	0.	0.	0.	0.	0.	0.	6.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.5	0.	0.	3.0	.2	.5	0.	0.	0.	0.	4.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. M1 4 SAN TOME
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.2	0.	0.	0.	.2	0.	0.	0.	0.
6	0.	0.	0.	M	M	M	M	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
17	0.	0.	.2	0.	0.	0.	0.	0.	.2	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
23	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
29	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.5
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
15	0.	0.	0.	0.	5.5	0.	0.	0.	0.	0.	0.	0.	5.5
16	0.	0.	0.	0.	0.	.2	0.	0.	.2	0.	.2	0.	.8
17	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.6
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.4
19	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	.4
21	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	0.	.2	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.4
27	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
29	0.	0.	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 4 SAN TOME
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 4 SAN TOME
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	4.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
12	12.9	24.8	5.3	1.5	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	1.2	2.5	4.0	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.2E	0.	.5F	0.	0.	1.7E	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5E	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	1.2E	0.	0.	.2E	0.	0.	2.2F	0.	0.	0.	0.	7.8E
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	.7E	2.2E	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	.7E	0.	0.	0.	0.
28	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	.2	1.7	3.0	.7	.2	5.8
7	0.	0.	0.	0.	0.	9.3	0.	0.	0.	0.	0.	0.	9.5
8	1.0	3.8	4.8	0.	13.4	2.5	.7	.5	0.	0.	0.	0.	26.7
9	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.4
10	0.	.2	0.	0.	0.	0.	.2	.2	0.	1.0	0.	0.	1.6
11	0.	0.	0.	0.	0.	0.	0.	0.	69.8	69.8	.5	6.6	146.9
12	0.	0.	0.	1.2	.2	4.3	.2	0.	0.	0.	0.	0.	50.4
13	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
14	0.	5.3	7.3	0.	1.0	0.	0.	0.	0.	0.	0.	0.	13.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
17	0.	0.	0.	0.	0.	0.	3.8	0.	0.	.2	0.	.7	4.7
18	0.	0.	0.	0.	6.3F	19.8E	0.	0.	.2F	0.	0.	0.	28.7E
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5E
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	.7F	0.	2.0E	69.8F	0.	0.	0.	2.7E	0.	0.	0.	86.6E
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M	M
25	0.	0.	1.2E	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2E
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9E
27	0.	0.	9.6E	11.1E	0.	0.	0.	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
29	0.	0.	0.	0.	0.	0.	0.	.2E	0.	M	M	M	M
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 4 SAN TOME
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	M	M	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	.2	1.2	.2	0.	.2	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	.5	0.	.2	0.	0.	0.	0.	0.	.7
11	0.	0.	0.	0.	.5	3.5	0.	0.	0.	0.	0.	0.	4.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	1.7	0.	.2	9.6	0.	0.	0.	0.	0.	0.	11.5
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI 5 Campo Oscurote.

LOCATION: Longitude 63⁰ 55.5' W, latitude 09⁰ 08.0' N;
approximately 14.6 km SSW of Periquito.

RECORDS AVAILABLE: Hourly precipitation from June 1, 1969 through
September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to
mechanical weather station, 8" diameter
collector 28" to 32" above the surrounding
terrain. Range--unlimited; accuracy--within
 $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at
a rate of 10" per hour; exposure--open for a
radius of 800' to 900'; elevation of ground
at gage--approximately 200 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. MI 5 CAMPO OSCURITE
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	.5	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 5 CAMPO OSCUROTE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
9	0.	1.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	1.0	.5	0.	0.	0.	0.	0.	0.	0.	1.5
26	0.	0.	2.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	2.9
27	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	2.0
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	1.0	.2	0.	0.	0.	0.	0.	0.	0.	1.2

PRECIPITATION DATA

STA. NO. MI 5 CAMPO OSCURITE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	4.8	.2	1.0	.2	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.2	.2	1.2	0.	1.5	0.	0.	.7	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.5	1.5	2.0	0.	0.	0.	0.	0.	0.	0.	0.	4.0
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	0.	7.8	0.	0.	0.	0.	0.	0.	0.	0.	M
13	0.	3.3	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
14	.2	.7	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	2.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	6.4
17	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.2	0.	.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	8.1	.2	0.	0.	0.	8.3
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6
22	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
23	.2	0.	0.	11.6	37.5	2.2	0.	0.	0.	0.	0.	0.	55.3
24	0.	0.	0.	0.	0.	0.	0.	1.0	1.7	1.2	.2	0.	4.1
25	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	12.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.1
29	0.	0.	M	M	M	M	M	M	M	M	M	M	M
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 5 CAMPO OSCUROTE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI 6 Anaco.

LOCATION: Longitude $64^{\circ} 28.3'$ W, latitude $09^{\circ} 26.7'$ N, in Anaco, in Mobil Oil Company's Campo Norte, on Avenida Segunda.

RECORDS AVAILABLE: Hourly precipitation from May 22, 1969 through July 17, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 100', then 30' trees; elevation of ground at gage--approximately 220 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA
 STA. NO. MI 6 ANACO
 MAY 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
22	M	M	M	M	M	M	M	M	M	M	M	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
22	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 6 ANACO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 6 ANACO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	3.0	.2	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	.2	20.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	1.0	0.	5.8	7.1	4.3	0.	0.	0.	0.	18.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI 7 Caico Seco.

LOCATION: Longitude $64^{\circ} 29.1'$ W, latitude $08^{\circ} 59.1'$ N; approximately 27.1 km WNW of El Tigre at Caico Seco.

RECORDS AVAILABLE: Hourly precipitation from June 20, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 300'; elevation of ground at gage--approximately 280 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. MI 7 CAICO SECO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	.2	6.0	2.2	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
20	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M
21	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	M
22	0.	.2	.2	0.	0.	0.	13.9	0.	0.	0.	3.8	0.	26.5
23	0.	0.	0.	0.	0.	0.	4.0	0.	0.	0.	0.	0.	4.0
24	0.	0.	9.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.9
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
29	0.	3.0	1.5	0.	.2	0.	0.	0.	0.	0.	0.	0.	4.7
30	0.	0.	0.	0.	0.	.2	1.0	.2	.2	0.	0.	0.	1.6

PRECIPITATION DATA
STA. NO. MI 7 CAICO SECC
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2
3	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	7.6	0.	7.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 7 CAICO SECO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	1.0	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	16.7	1.5	0.	.2	.7	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	.2	14.4
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	1.0	.2	1.9
7	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
8	.5	0.	12.4	3.3	.7	1.5	3.3	.5	0.	0.	0.	0.	22.6
9	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5	8.1	0.	10.1
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	3.0
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	19.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	.7	0.	0.	0.	.5	1.7	0.	0.	0.	0.	0.	0.	2.9
21	0.	0.	0.	5.0	.2	0.	0.	0.	0.	0.	0.	0.	5.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	.5	0.	3.8	17.7	0.	.2	0.	.2	0.	0.	0.	0.	22.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 7 CAICD SECO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	.2	.2	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	M	M	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	M	M	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	4.3	0.	.2	0.	0.	0.	0.	4.5
6	0.	0.	0.	0.	0.	0.	.2	.2	0.	0.	0.	0.	.4
7	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	1.2
8	0.	0.	2.5	.7	.2	0.	0.	0.	0.	0.	0.	0.	3.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	2.5
11	0.	0.	1.0	2.5	0.	.7	.5	0.	0.	0.	0.	0.	4.7
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0	6.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
17	.2	0.	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	.7
22	0.	0.	4.8	1.2	0.	0.	0.	0.	0.	0.	0.	0.	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	2.2	1.5	0.	0.	0.	0.	2.7	0.	0.	0.	0.	M
29	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	.5
30	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2

PRECIPITATION DATA

NAME: Sta. No. MI 8 Los Palos Blancos.

LOCATION: Longitude 63° 53.7' W, latitude 09° 17.7' N;
approximately 5.9 km NNW of Periquito at
Los Palos Blancos.

RECORDS AVAILABLE: Hourly precipitation from May 22, 1969 through
September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to
mechanical weather station, 8" diameter
collector 28" to 32" above the surrounding
terrain. Range--unlimited; accuracy--within
 $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at
a rate of 10" per hour; exposure--open for
a radius of 100' then 80' tall oil tanks to
SE and SW; elevation of ground at gage--
approximately 200 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA
STA. NO. MI 8 LOS PALOS BLANCOS
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	18.7	29.2	1.2	0.	0.	0.	0.	0.	49.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 8 LOS PALOS BLANCOS
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	.5	0.	0.	0.	.2	0.	0.	1.0	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	1.5	.7	3.3	0.	0.
18	0.	0.	0.	0.	0.	4.3	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.2	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	1.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
6	0.	0.	.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	2.6
7	0.	0.	2.5	4.0	5.8	0.	.5	0.	0.	0.	0.	0.	12.8
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
15	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.7
16	0.	0.	0.	0.	8.6	0.	0.	0.	0.	0.	0.	0.	8.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
18	0.	.5	2.7	0.	0.	6.0	0.	0.	0.	0.	0.	0.	13.5
19	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	6.0	0.	4.8	.5	.5	5.3	2.7	6.3	6.6	.5	33.2
22	0.	0.	0.	.2	0.	.2	0.	0.	0.	0.	0.	0.	.8
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 8 LOS PALOS BLANCOS
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	1.5
12	0.	0.	0.	0.	.2	.2	.2	0.	.2	.2	.5	.2
13	0.	.2	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
10	.5	1.5	0.	0.	5.8	1.2	.5	1.0	0.	0.	0.	0.	11.4
11	1.7	2.0	1.5	1.2	.7	.7	.2	0.	0.	0.	0.	0.	10.2
12	0.	.2	.2	0.	.2	0.	0.	0.	0.	.2	0.	0.	2.5
13	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2	.8
14	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.4
15	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	.4
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	.2	0.	.4
26	0.	0.	0.	.5	.5	0.	0.	0.	0.	0.	0.	0.	1.0
27	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 8 LOS PALOS BLANCOS
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	1.2	1.2	.2	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	.7	0.	0.	1.2	2.7	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8	0.
23	0.	0.	0.	0.	0.	.2	1.5	0.	.2	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	52.5	7.1	0.	6.8	0.	0.	0.	0.	0.	0.	0.	0.	66.4
2	0.	0.	0.	0.	0.	0.	0.	.2	1.2	1.7	.2	0.	4.0
3	0.	3.5	.2	.2	0.	0.	4.0	3.5	1.0	.2	0.	0.	12.6
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	0.	.5	2.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	1.7	0.	0.	0.	0.	0.	0.	1.7
9	0.	.2	0.	0.	22.8	0.	0.	0.	0.	0.	0.	0.	23.0
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	.5	0.	0.	0.	0.	8.8	2.5	3.5	.2	0.	15.5
12	0.	0.	0.	1.5	0.	.2	0.	0.	0.	0.	0.	0.	4.3
13	0.	1.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
14	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2	0.	5.0
17	0.	0.	0.	0.	0.	0.	.5	0.	.5	0.	.2	0.	1.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
21	.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.7
22	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3
23	0.	1.7	2.5	0.	.7	.7	0.	0.	.2	0.	0.	0.	7.7
24	0.	.2	8.6	.2	0.	0.	0.	.7	.5	.2	0.	0.	10.4
25	13.7	0.	0.	0.	0.	0.	0.	.2	.2	0.	0.	0.	16.0
26	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	2.5	0.	1.5	0.	0.	0.	0.	0.	0.	0.	4.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
31	0.	3.0	3.3	.2	0.	0.	0.	0.	0.	0.	0.	0.	6.5

PRECIPITATION DATA

STA. NO. MI 8 LOS PALOS BLANCOS
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	8.8	5.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.5
7	1.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.9
8	1.0	8.1	2.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	12.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	.9
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5

PRECIPITATION DATA

NAME: Sta. No. MI 9 Hato de Perez near Cantaura.

LOCATION: Longitude $64^{\circ} 15.0'$ W, latitude $09^{\circ} 21.7'$ N; approximately 13.5 km NE of Cantaura at Hato de Perez.

RECORDS AVAILABLE: Hourly precipitation from May 29, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--clear for a radius of 400'; elevation of ground at gage--approximately 260 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. MI 9 HATO DE PEREZ NEAR CANTaura
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
29	0.	0.	0.	0.	0.	2.7E	1.0E	2.2E	0.	0.	0.	0.	5.9E
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 9 HATO DE PEREZ NEAR CANTAURO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	2.2
4	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. MI 9 HATO DE PEREZ NEAR CANTAUCA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	3.8	2.2	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	1.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29.1
12	0.	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.3
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.8
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	M	M	M	M	M	M	M	M	M	M	M	M	0.
27	M	M	M	M	M	M	M	M	M	M	M	M	0.
28	M	M	M	M	M	M	M	M	M	M	M	M	0.
29	M	M	M	M	M	M	M	M	M	M	M	M	0.
30	M	M	M	M	M	M	M	M	M	M	M	M	0.
31	M	M	M	M	M	M	M	M	M	M	M	M	0.

PRECIPITATION DATA

STA. NO. MI 9 HATO DE PEREZ NEAR CANTAUCA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	.5	0.	0.	5.5	0.	0.	1.7	0.	0.	0.	0.	0.	7.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	.2
11	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
12	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	1.0
13	.5	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
14	0.	1.0	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	2.9
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	2.5	.2	0.	0.	0.	0.	0.	0.	0.	2.7
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	.7	0.	.2	0.	0.	0.	0.	0.	0.	0.	.9
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI 9 HATO DE PEREZ NEAR CANTAURA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	M
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.5	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.5	0.	0.	.2	0.	0.	0.	0.	0.	0.	.7
23	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
24	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	.2	0.	0.	.5	.5	.5	0.	0.	0.	0.	0.	1.7
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI10 La Leona.

LOCATION: Longitude $64^{\circ} 03.1'$ W, latitude $09^{\circ} 38.2'$ N; approximately 42 km W of El Tejero at La Leona.

RECORDS AVAILABLE: Hourly precipitation from May 23, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 400'; elevation of ground at gage--approximately 360 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. M110 LA LOMA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	2100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	1.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
29	0.	0.	0.	0.	0.	5.8	0.	0.	.2	0.	0.	0.	8.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI10 LA LEONA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2	0.
2	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	.5	.5	.5	0.	0.	.2	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	0.
7	0.	0.	.2	0.	.7	0.	0.	0.	0.	0.	4.0	1.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	.2	.5	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	0.	0.	0.	0.	0.	0.	2.0	.7	.2	.2	.5	3.0
18	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	22.8
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3	1.0	0.
22	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	1.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
4	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	.9
7	0.	0.	0.	0.	3.5	0.	.2	0.	0.	0.	0.	0.	10.1
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
17	0.	0.	0.	0.	0.	0.	0.	0.	1.7	7.6	0.	0.	15.9
18	1.0	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	25.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	.2	0.	0.	.7	.2	0.	0.	0.	0.	5.4
22	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
23	0.	.7	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	1.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	3.0	0.	.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	4.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	.5	.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	1.9
30	2.0	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	4.0

PRECIPITATION DATA

STA. NO. M110 LA LEONA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	.7	0.	1.0	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.5	.2	0.	1.5	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	2.5	10.1	20.3	7.6	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
16	0.	0.	0.	0.	1.2	5.3	0.	0.	0.	0.	1.0	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	.2	0.	3.5	21.0	11.4	1.5	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	2.5	6.3	0.	.2	0.	0.	0.	0.	0.	9.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	3.0	4.0	8.1	0.	0.	0.	0.	6.3	.2	0.	0.	0.	23.3
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	.2	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	2.6
14	0.	0.	0.	0.	M	0.	0.	.5	0.	6.0	1.5	.2	M
15	0.	.2	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
16	0.	1.0	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	8.7
17	0.	0.	0.	0.	0.	0.	0.	1.2	32.7	.2	1.2	0.	35.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.4
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	8.6	.5	0.	0.	0.	0.	0.	0.	0.	14.4
23	0.	0.	1.2	1.7	0.	0.	0.	0.	0.	0.	0.	0.	2.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	.5	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	38.3
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. M110 LA LOMA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	1.5	13.2	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8	.2	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	1.0	5.3	8.6	5.8	7.3	0.	.5	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	M	M	M	M	M	M	M	M	M	M	M	M
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	1.7	2.2	0.	.2	0.	2.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	5.0	.7
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.7
2	0.	5.3	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	6.7
3	0.	0.	0.	0.	0.	0.	6.3	.7	1.7	0.	0.	0.	12.7
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	2.0
6	0.	0.	13.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.2
7	0.	5.5	0.	0.	M	0.	M	M	M	M	M	0.	M
8	2.0	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	0.	16.1
9	.2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.6
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	.7	0.	0.	.5	0.	0.	0.	10.4	21.5	2.0	.7	35.8
12	.2	.7	0.	4.8	.7	0.	0.	0.	0.	0.	0.	0.	34.9
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	21.8	9.9	0.	0.	0.	0.	.2	0.	0.	0.	31.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	1.5	0.	0.	1.7	0.	.2	0.	0.	0.	0.	0.	0.	9.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	.5	0.	.5	0.	0.	0.	0.	0.	0.	5.0
24	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	1.2
25	.5	11.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.8
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. M110 LA LENA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	2.0	0.	.2	.2
8	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.7	0.	.5
9	M	M	M	M	M	M	M	M	M	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	.2	8.3	2.5	0.	0.	0.	0.	0.	.2	.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	.5	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
8	.7	M	M	M	M	M	M	M	M	M	M	M	M
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
10	0.	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	1.5	13.7	13.2	.2	.2	.2	.2	0.	0.	29.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	11.9
25	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI11 Hato Garcia at La Ceibita.

LOCATION: Longitude $64^{\circ} 21.3'$ W, latitude $09^{\circ} 34.8'$ N; approximately 7 km W of Santa Rosa at La Ceibita.

RECORDS AVAILABLE: Hourly precipitation from May 23, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 300'; elevation of ground at gage--approximately 250 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 111 HATO GARCIA AT LA CEIBITA

MAY 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
23	M	M	M	M	M	M	M	M	M	M	M	M
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
23	M	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	M
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. M111 HAID GARCIA AT LA CEIBITA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
25	0.	0.	0.	0.	13.4	0.	0.	0.	0.	0.	0.	0.	13.4
26	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M

PRECIPITATION DATA

STA. NO. MILL HATO GARCIA AT LA CEIBITA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	.5
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.7
12	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	.2	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	.2	5.5	1.5	.5	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.9
2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	15.7	0.	0.	0.	0.	0.	0.	15.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
10	0.	1.0	.7	2.0	0.	0.	0.	1.2	3.0	.2	0.	0.	11.1
11	69.8	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	71.2
12	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.6
13	0.	0.	0.	8.6	.5	0.	0.	0.	0.	11.9	4.5	0.	25.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.	.2	0.	2.7
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	6.6	0.	0.	0.	0.	0.	.2	0.	0.	6.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.5	1.0	0.	0.	0.	0.	0.	0.	1.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MILL HATO GARCIA AT LA CEIBITA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.2	0.	2.0	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	.2	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	15.2
26	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
2	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
3	0.	0.	0.	.2	.5	0.	0.	1.5	1.5	0.	.2	0.	4.9
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	.5	.5	.5	37.5	4.3	0.	0.	.2	0.	0.	0.	0.	43.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	.5	1.2	1.0	0.	0.	0.	.7	2.7	1.2	7.3
12	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	2.9
13	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	.2	.7	0.	0.	0.	0.	0.	0.	0.	.9
19	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	.5
20	0.	0.	0.	2.5	0.	.5	0.	0.	0.	0.	0.	0.	3.7
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	1.7	0.	82.8	11.4	.5	.5	.2	0.	0.	0.	97.1
25	17.5	1.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	35.8
26	0.	0.	0.	0.	0.	0.	.7	.5	0.	0.	0.	0.	1.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	4.5	5.0	2.0	2.0	1.0	0.	0.	0.	0.	0.	14.5
29	0.	0.	0.	0.	0.	0.	15.4	1.5	0.	0.	0.	0.	16.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 1111 HATO GARCIA AT LA CEIBITA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	M	M	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.5	0.	2.0	2.7	3.8	3.3	1.0	0.	0.	0.	0.	0.
25	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	2.5	0.	9.3	9.3	0.	0.	0.	0.	0.	0.	0.	0.	21.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	8.3	.2	.2	0.	0.	0.	0.	8.7
7	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	2.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	29.2	16.2	0.	0.	0.	0.	0.	0.	45.4
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	14.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.2
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	2.2	1.5	4.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	0.	18.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	3.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. MI12 La Esperanza near La Chorrera.

LOCATION: Longitude $64^{\circ} 32.7'$ W, latitude $09^{\circ} 52.0'$ N; approximately 14 km N of San Mateo at La Chorrera.

RECORDS AVAILABLE: Hourly precipitation from May 21, 1969 through September 30, 1969.

GAGE: Low inertia tipping bucket gage attached to mechanical weather station, 8" diameter collector 28" to 32" above the surrounding terrain. Range--unlimited; accuracy--within $\pm 1\%$ at a rate of 3" per hour, within $\pm 5\%$ at a rate of 10" per hour; exposure--open for a radius of 200', then a low hill to N; elevation of ground at gage--approximately 90 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. M112 LA ESPERANZA NEAR LA CHORRERA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
21	M	M	M	M	M	M	M	M	M	M	M	M
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
21	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	M
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.2	0.	0.	0.	0.	0.	0.	0.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. M112 LA ESPERANZA NEAR LA CHORRERA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	.2
5	0.	0.	1.0	2.5	3.0	0.	0.	0.	0.	0.	0.	0.	6.5
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	1.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI12 LA ESPERANZA NEAR LA CHORRERA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	0.	.2
12	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	.2	0.
13	0.	0.	0.	5.5	0.	.2	1.0	.2	0.	0.	0.	0.
14	.7	.2	.2	0.	0.	.5	.5	.2	0.	0.	0.	0.
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.5
9	0.	.2	11.9	7.3	0.	.2	0.	.2	0.	0.	0.	0.	19.8
10	0.	0.	.5	.5	0.	0.	0.	0.	1.2	0.	0.	0.	2.2
11	0.	.7	0.	7.6	26.6	8.8	0.	0.	0.	0.	0.	0.	44.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.6
13	0.	0.	0.	0.	.2	21.5	.2	0.	.2	0.	5.3	.2	34.5
14	0.	0.	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. MI12 LA ESPERANZA NEAR LA CHORRERA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. M112 LA ESPERANZA NEAR LA CHORRERA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	36.0	16.5	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
4	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	19.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	5.3	0.	0.	0.	0.	0.	0.	0.	5.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	M
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
28	0.	0.	0.	14.4	0.	2	0.	0.	0.	0.	0.	0.	14.6
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	2.0

CHAPTER IV

DATA OBTAINED BY THE HYDROLOGY SECTION

INTRODUCTION

The Hydrology Section of VIMHEX required a sufficient rain gage network over the area being drained by the Ríos Guanipa and Tigre systems. A total of 25 rain gage stations were established at locations in these drainage areas shown on Figure IV-1. Three types of rain gages were employed: (1) a weighing-type continuous recording rain gage (2) a float-type continuous recording rain gage and (3) a non-recording rain gage. The three types were identified by the letters given in the station number. They are WG, SR, and NG respectively. Records are available from the date of installation to the end of September, 1969.

The weighing-type rain gages provided continuous records of precipitation. Each WG station was visited weekly to minimize the amount of missing or estimated data.

Continuous rainfall data were obtained from the stage-rainfall recorder stations established on the smaller watersheds. The instruments employed were Model SR float-siphon gages. SR gages were visited daily so that there would be no difficulty in determining the hours in which precipitation occurred. The clock-driven chart revolved once every 24 hours. If the chart was not removed daily and if rainfall occurred every day, it was sometimes impossible to tell which rainfall occurred on what day.

In the SR precipitation data, the estimated numbers, designated with E, usually mean that the amount of precipitation was known but that the time-distribution was in doubt. Failures in the float-operating mechanism accounted for most of the estimated data.

The non-recording rain gages, designated NG, were equivalent to the U.S. Standard 8-in. precipitation gage. Each gage was visited daily and the amount of rainfall collected since the previous visit was measured. The time of each visit was recorded along with the amount of rainfall. Generally, precipitation occurred over the drainage basin in the late afternoon and evening. Thus the NG rainfall data can be considered the 24-hour precipitation occurring between noon on one day and noon of the next day.

In the succeeding tables the WG station precipitation records are given first. These data are followed by the SR and finally the NG station records.

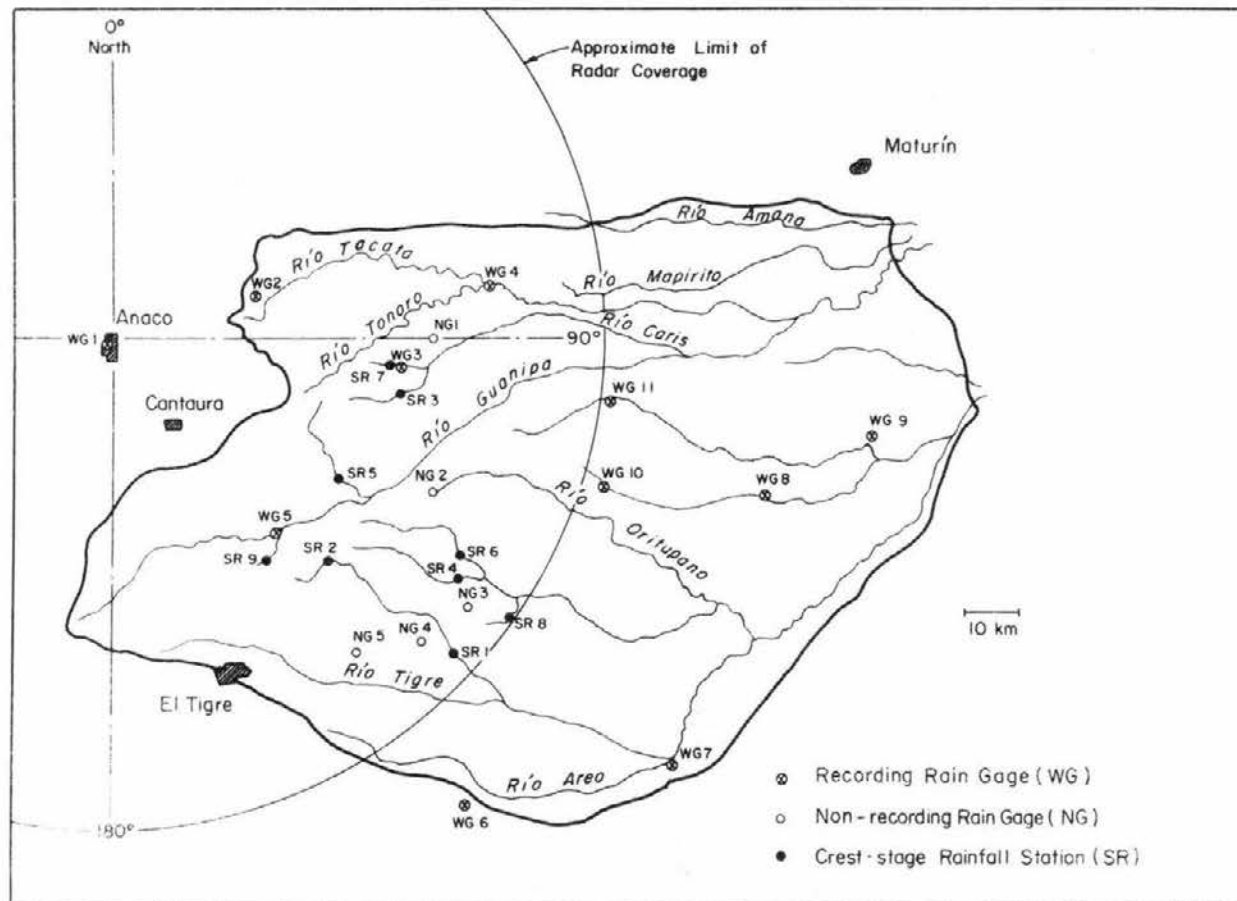


FIGURE IV-1 LOCATIONS OF C.S.U. RAIN GAGES

PRECIPITATION DATA

NAME: Sta. No. WG 1 Anaco.

LOCATION: Longitude $64^{\circ} 28'$ W, latitude $09^{\circ} 27'$ N; in Anaco, in Mobil Oil Company's Campo Norte, on Avenida Segunda.

RECORDS AVAILABLE: Hourly precipitation from July 4, 1969 through September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector 3.1' above the surrounding terrain. Range--0" to 12"; accuracy-- ± 0.03 " for the first 6" recorded, ± 0.06 " for the second 6" recorded (after reversal); exposure--clear for a radius of 100', then 30' high trees; elevation of ground at gage--218 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. WG 1 ANACO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3	0.	0.
12	0.	0.	0.	0.	0.	0.	33.2	0.	0.	0.	0.	0.
13	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	1.5	.5	3.3	4.5	1.2	3.5	.5	1.5	0.	1.7	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	6.3	5.0	5.0	0.	0.	0.	0.	16.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	6.3	.5	.7	0.	0.	12.7	3.0	1.2	1.0	0.	0.	25.4
11	18.2	23.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	42.8
12	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	34.2
13	0.	0.	0.	0.	17.7	6.3	1.0	0.	0.	0.	0.	0.	26.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	18.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	5.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
17	0.	0.	0.	0.	1.2	1.2	0.	0.	0.	.2	1.0	0.	3.6
18	0.	0.	8.8	0.	0.	0.	0.	1.7	0.	0.	5.3	0.	15.8
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	10.9	0.	0.	0.	0.	0.	0.	0.	10.9
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	2.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	2.7	0.	0.	0.	0.	2.7
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 1 ANACO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	2.0	14.7	2.5	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	15.2	0.	0.	1.0	0.	0.	.2	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.7	16.0
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	6.3	0.	0.	0.	6.3
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	13.4	0.	0.	.7	1.5	0.	0.	0.	0.	0.	0.	0.	15.6
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	11.4	15.2	0.	0.	0.	0.	0.	26.6
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5	2.0	6.5
12	0.	1.2	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	22.9
13	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
14	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.3
15	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	3.0
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	2.7	.5	.2	0.	1.7	0.	0.	0.	0.	5.1
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
23	2.0	0.	0.	0.	.7	1.0	0.	0.	0.	0.	0.	0.	3.7
24	0.	0.	0.	1.0	0.	17.7	0.	0.	0.	0.	0.	0.	18.7
25	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	34.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	22.8	0.	0.	0.	1.5	2.7	0.	0.	0.	0.	0.	27.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	3.3	0.	.7	0.	0.	0.	0.	0.	0.	4.0
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. WG 1 ANACO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	.5	0.	.2	.2	1.2	.5	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	3.0	11.4	0.	0.	0.	0.	0.	0.	0.	0.	14.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	15.2	.2	0.	0.	0.	0.	15.4
7	.2	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
8	0.	.5	.2	0.	1.0	0.	0.	0.	0.	0.	0.	0.	1.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	3.8	34.2	6.0	0.	0.	0.	0.	0.	0.	0.	44.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
17	0.	0.	0.	5.0	17.7	1.2	1.2	1.2	0.	0.	0.	0.	26.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	2.5	.5	0.	0.	0.	0.	0.	0.	0.	5.6
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	.5	.2	7.3	0.	0.	8.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	.5

PRECIPITATION DATA

NAME: Sta. No. WG 2 Las Juasjillas.

LOCATION: Longitude $64^{\circ} 12' W$, latitude $09^{\circ} 32' N$; approximately 12.6 km ESE of Santa Rosa, at Hato Las Juasjillas.

RECORDS AVAILABLE: Hourly precipitation from July 3, 1969 through September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector 3.1' above the surrounding terrain. Range--0" to 12"; accuracy-- ± 0.03 " for the first 6" recorded, ± 0.06 " for the second 6" recorded (after reversal); exposure--clear for a radius of 50', 15' trees to N and E, low brush to S, small hill to W; elevation of ground at gage--approximately 375 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. WG 2 LAS JUASJUELLAS
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	.5	.2	6.3	.7	2.2	20.3	11.4	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	1.7	.5	1.2	.5	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	10.1	2.5	1.2	0.	0.	0.	7.1	1.7	0.	0.	0.	32.7
11	17.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.7
12	0.	9.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.0
13	0.	1.0	0.	3.0	0.	0.	0.	0.	0.	1.0	0.	0.	5.0
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.2	54.8
15	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
16	0.	0.	11.4E	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1E
17	0.	0.	0.	0.	0.	0.	.5	0.	0.	2.5	0.	0.	3.0
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	10.6	0.	0.	0.	0.	0.	0.	0.	0.	10.6
23	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	1.0	2.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	.7	.5	.7	0.	0.	0.	0.	1.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	3.3
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 2 LAS JUASJUILLAS
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	1.2	0.	5.0	0.	1.2	1.0	0.	.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	.7	0.	.5	27.9	2.5	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	9.1	0.	0.	0.	2.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
2	0.	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
3	0.	0.	3.8	.5	0.	0.	2.0	3.3	1.2	0.	0.	0.	10.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	5.5	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
8	0.	0.	2.5	0.	.5	0.	0.	0.	0.	0.	0.	0.	3.0
9	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	3.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	46.2	12.7	58.9
12	0.	0.	0.	0.	15.7	0.	0.	0.	0.	0.	0.	0.	47.3
13	0.	0.	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	.5
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.6
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.0
24	0.	0.	0.	.7	17.5	0.	0.	0.	0.	0.	0.	0.	18.2
25	.7	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	10.6	2.5	3.0	.7	0.	0.	0.	0.	0.	16.8
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 2 LAS JUASJUELLAS
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	24.6	2.7	25.6	3.5	2.7	.7	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	1.2	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	2.1
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	1.2
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
6	0.	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	2.5	0.	0.	.7	1.5	0.	.2	0.	0.	0.	0.	0.	4.9
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	24.1	1.2	0.	0.	0.	0.	0.	25.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	10.1	.2	0.	.2	.2	20.3	2.0	33.0
24	0.	0.	5.8	0.	0.	0.	0.	0.	0.	5.8	0.	0.	71.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.	0.	2.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	.7

PRECIPITATION DATA

NAME: Sta. No. WG 3 Purgatorio.

LOCATION: Longitude 63° 58' W, latitude 09° 25' N;
approximately 14.8 km NNE of Los Palos Blancos.

RECORDS AVAILABLE: Hourly precipitation from June 27, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.1' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.07 " (bucket platform was found
to be resting against gage frame on September 29);
exposure--clear for a 100' radius, grass and low
trees; elevation of ground at gage--approximately
270 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. WG 3 PURGATORIO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	7.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. WG 3 PURGATORIO
JJLY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	2.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	.7	0.	1.2	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
10	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	1.5
12	0.	0.	0.	0.	0.	0.	0.	.2	5.5	0.	1.5	0.
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	5.5	2.0	1.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	12.1
3	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	21.0	0.	0.	0.	1.2	5.0	.5	0.	0.	0.	29.6
9	4.3	3.0	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	10.5
10	35.0	4.8	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	40.5
11	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.5
12	0.	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	0.	3.8	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
17	0.	0.	0.	0.	0.	0.	0.	0.	23.8	0.	0.	0.	23.8
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29.4	0.	29.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
20	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
21	0.	0.	0.	0.	1.5	2.7	0.	0.	0.	0.	0.	0.	4.2
22	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3
23	0.	0.	0.	0.	.5	4.5	.7	0.	0.	0.	0.	0.	5.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	M	M	M	M	M	M	M
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0

PRECIPITATION DATA
STA. NO. WG 3 PURGATORIO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	3.5	0.	0.	1.2	1.5	.7	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	4.8
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
12	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	4.3	0.	1.2	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	1.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.9
2	1.0	0.	0.	0.	0.	0.	0.	0.	2.5	.5	0.	0.	4.0
3	0.	.5	4.3	2.2	0.	0.	2.7	1.7	.7	0.	0.	0.	12.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	5.5	5.0	5.0	0.	0.	16.7
12	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	1.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	1.2	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.7
19	4.5	.5	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	7.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	5.5	0.	1.2	0.	1.0	0.	0.	0.	0.	0.	8.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	2.5	1.7	0.	0.	0.	0.	0.	0.	4.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 3 PURGATORIO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.5	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	.2	10.4	1.0	0.	.5	0.	0.	0.	2.0	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	7.6	4.0	2.0	0.	0.	0.	0.	0.	0.	0.	13.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	1.2	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	4.0	1.0	0.	0.	0.	0.	0.	0.	0.	0.	5.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	3.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	6.0	0.	0.	0.	0.	0.	0.	0.	0.	6.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. WG 4 Tonoro.

LOCATION: Longitude $63^{\circ} 49'$ W, latitude $09^{\circ} 34'$ N;
approximately 70.5 km ENE of Anaco, just
downstream of the confluence of the Río Táchata
with the Río Tonoro.

RECORDS AVAILABLE: Hourly precipitation from July 3, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.25' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.03 " for the first 6" recorded,
 ± 0.06 " for the second 6" recorded (after reversal);
exposure--clear for a 15' radius, low brush and
20' trees; elevation of ground at gage--approximately
240 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or time distribution).

PRECIPITATION DATA
STA. NO. WG 4 TONORO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	1.5	0.	3.3	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	1.0	0.	5.0	.2	2.5	5.0	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	26.6	1.2	1.2	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	3.3
5	0.	0.	0.	13.9	0.	0.	0.	0.	0.	0.	0.	0.	13.9
6	0.	0.	0.	0.	0.	3.5	0.	0.	0.	0.	0.	0.	3.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	1.2	0.	0.	0.	0.	0.	0.	16.2	0.	0.	0.	0.	17.4
11	3.3	.7	1.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	5.2
12	9.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.3
13	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	7.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	29.6
23	0.	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	4.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 4 TONORD
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	2.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	.7	0.	3.0	1.7	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	19.8	.7	0.	1.7
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	0.	.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.5
2	6.3	0.	0.	1.5	0.	0.	0.	.5	.2	0.	0.	0.	8.5
3	0.	0.	0.	0.	0.	20.3	1.7	5.0	0.	0.	0.	0.	27.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
8	10.1	1.2	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	6.3E	0.	0.	0.	0.	0.	0.	0.	0.	11.7E
12	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.4
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	10.1	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	12.1
15	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.2
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	4.8	6.3	0.	0.	0.	0.	0.	0.	0.	0.	11.1
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	4.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	16.5	0.	0.	0.	0.	0.	16.5
28	0.	0.	25.4	71.8	1.7	2.0	.2	0.	0.	0.	0.	0.	101.1
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 4 TONORO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	1.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7	1.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3	10.4
9	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0
8	1.5	0.	5.0	1.5	0.	0.	0.	0.	0.	0.	0.	0.	25.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
10	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
11	0.	.5	22.3	.5	0.	0.	0.	0.	0.	0.	0.	0.	23.3
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	1.0	24.3	3.3	0.	0.	0.	0.	0.	0.	1.7	0.	0.	30.3
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	3.0	0.	0.	0.	0.	M	M	M	M	M

PRECIPITATION DATA

NAME: Sta. No. WG 5 El Aceite.

LOCATION: Longitude $64^{\circ} 11' W$, latitude $09^{\circ} 08' N$;
approximately 27.1 km NNE of El Tigre, at El Aceite.

RECORDS AVAILABLE: Hourly precipitation from June 27, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.1' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.03 " for the first 6" recorded,
 ± 0.06 " for the second 6" recorded (after reversal);
exposure--clear for a radius of 50' then low trees
and brush, thick brush to W; elevation of ground
at gage--approximately 230 meters.

CODING: M signifies missing data; E signifies estimated data
(estimated amount and/or estimated time distribution).

PRECIPITATION DATA
 STA. NO. WG 5 EL ACEITE
 JUNE 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	1.2

PRECIPITATION DATA

STA. NO. WG 5 EL ACEITE
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	1.2	.2	.5	.2	.2	1.2	1.2	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	2.2	0.	0.	0.
16	.2	0.	0.	.2	0.	0.	.2	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	0.
26	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.7
7	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	2.5
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	2.5
10	0.	0.	0.	0.	0.	19.0	8.6	.2	0.	0.	0.	0.	27.8
11	14.9	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	16.1
12	.7	1.7	2.5	0.	0.	0.	0.	1.5	0.	0.	0.	0.	6.4
13	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	2.0	0.	3.2
14	0.	0.	0.	.5	0.	0.	.2	0.	0.	4.3	1.5	.2	11.4
15	0.	0.	0.	0.	0.	0.	.2	.5	.5	0.	.2	0.	3.6
16	0.	0.	5.5	1.7	0.	0.	0.	0.	0.	0.	0.	0.	7.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.9	11.1	0.	21.0
18	0.	0.	0.	.2	0.	0.	1.2	.5	34.0	11.4	.5	0.	47.8
19	0.	0.	0.	0.	3.5	0.	0.	0.	0.	0.	.7	0.	4.2
20	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	.2	2.4
21	0.	0.	0.	0.	0.	0.	0.	.7	1.2	0.	0.	0.	1.9
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	3.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 5 EL ACEITE
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0. E	0. E	0. E	0. E
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	21.3	9.3	8.3	3.8	2.5	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3	.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.
20	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	5.8	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	1.2	.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	8.1	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.
30	0.	2.2	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	2.7E	0.	.5	1.2	0.	4.4E
3	0.	0.	0.	31.7	M	M	M	M	M	M	M	M	M
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.7	24.1	1.0	3.0	15.2	2.5	0.	0.	0.	0.	0.	47.5
9	3.3	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	3.8
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	2.0	2.0	5.2
12	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	49.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.	0.	0.	5.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
21	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
24	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.9
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.1
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. WG 5 EL. ACEITE
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	.2	0.	.3	.1	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	.2	2.6	.1	.1	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	.2	.2	.1	0.	.1	.1	.3	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	2.4	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	.9	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	.2	.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	0.
8	M	M	M	M	M	M	M	M	M	M	M	M	0.
9	M	M	M	M	M	M	M	M	M	M	M	M	0.
10	M	M	M	M	M	M	M	M	M	M	M	M	0.
11	M	M	M	M	M	M	M	M	M	M	M	M	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. WG 6 La Viuda.

LOCATION: Longitude $63^{\circ} 52'$ W, latitude $08^{\circ} 41'$ N;
approximately 50 km SE of El Tigre at La Viuda.

RECORDS AVAILABLE: Hourly precipitation from June 28, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.1' above surrounding terrain. Range--0" to 12";
accuracy-- ± 0.03 " for the first 6" recorded,
 ± 0.06 " for the second 6" recorded (after reversal);
exposure--clear for a 30' radius, brush and palm
trees to N, corn and low trees to E, brush to S and
W; elevation of ground at gage--approximately 180
meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA
 STA. NO. WG 6 LA VIUDA
 JUNE 1969
 PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. WG 6 LA VIUDA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	1.7
14	0.	12.7	1.5	12.7	7.6	2.0	.2	2.2	.7	4.3	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	3.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.5	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	0.	0.	0.	.5	0.	3.5	0.	0.	0.	0.	4.0
13	0.	0.	0.	0.	0.	13.4	2.5	1.2	0.	.2	0.	.2	19.4
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	5.0	3.8	55.7
15	0.	0.	0.	0.	0.	0.	0.	8.6	0.	.2	.2	0.	9.0
16	.5	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
17	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	2.5
18	0.	0.	0.	0.	0.	0.	0.	0.	3.8	2.0	24.6	1.7	32.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
20	0.	0.	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	3.3
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	1.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	1.7	0.	0.	3.8	0.	0.	0.	0.	5.5
28	7.6	0.	0.	1.5	0.	0.	.2	0.	0.	0.	0.	0.	9.3
29	0.	0.	0.	0.	0.	5.0	1.2	0.	0.	0.	0.	0.	6.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	.7	1.2	0.	0.	0.	1.9

PRECIPITATION DATA

STA. NO. WG 6 LA VIUDA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	57.1	5.0	3.3	0.	0.	0.	0.	0.	0.	.5	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	.5	.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	.5	0.	0.	0.	0.	8.3	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	30.9	0.	.7	.5	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
25	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	0.	1.0
2	0.	0.	0.	0.	0.	0.	10.9	.5	.2	.2	0.	0.	11.8
3	0.	0.	0.	0.	22.3	.5	3.0	0.	1.2	0.	0.	0.	27.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
6	0.	0.	0.	1.2	0.	0.	0.	0.	6.8	0.	.7	0.	8.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	6.8	0.	0.	0.	0.	1.0	.2	0.	8.7
9	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
10	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	41.6	.2	0.	41.8
12	0.	0.	0.	0.	0.	15.2	0.	0.	0.	0.	0.	0.	81.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
14	0.	0.	0.	0.	8.8	0.	0.	0.	0.	0.	0.	0.	8.8
15	0.	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	1.7
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	.5	6.3	9.3	8.3	9.3	19.8	53.5
18	0.	0.	0.	0.	0.	0.	.5	4.5	.7	0.	1.0	7.3	22.8
19	0.	0.	0.	0.	0.	1.7	.5	0.	0.	0.	0.	0.	2.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	2.5	3.3	0.	0.	0.	0.	0.	0.	0.	0.	5.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	32.1
24	.7	7.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.5
25	0.	0.	0.	0.	0.	0.	24.1	0.	0.	0.	0.	0.	24.8
26	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
27	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
28	0.	0.	0.	4.5	20.8	25.4	6.3	3.0	.7	.5	.5	.2	61.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NQ. WG 6 LA VIUDA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	3.0	6.3	1.0	.2	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	4.5	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	.2	0.	0.	0.	0.	0.	0.	0.	5.8	0.	0.	9.3	15.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.5	5.8	2.5	0.	0.	0.	0.	0.	0.	0.	8.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	8.1	0.	3.3	0.	.2	0.	0.	0.	0.	11.6
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	M	M	0.	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	10.4	13.9	10.1	1.2	0.	35.6
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	22.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	30.4
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	1.7
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	11.1	0.	0.	0.	0.	0.	0.	0.	0.	11.1
29	0.	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
30	0.	0.	0.	0.	0.	0.	0.	17.2	6.8	1.0	0.	0.	25.0

PRECIPITATION DATA

NAME: Sta. No. WG 7 Las Bombitas.

LOCATION: Longitude 63° 31' W, latitude 08° 45' N; approximately 35.6 km SSW of Oritupano, at Las Bombitas.

RECORDS AVAILABLE: Hourly precipitation from June 28, 1969 through September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector 3.1' above the surrounding terrain. Range--0" to 12"; accuracy-- ± 0.03 " for the first 6" recorded, ± 0.06 " for the second 6" recorded (after reversal); exposure--open to N, brush to E and S, school building about 50' to SW; elevation of ground at gage--approximately 115 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. WG 7 LAS BOMBITAS
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	10.6	0.	0.	0.	0.	0.	0.	10.6
30	0.	0.	0.	5.0	4.5	0.	0.	0.	0.	0.	0.	0.	9.5

PRECIPITATION DATA

STA. NO. WG 7 LAS BOMBITAS
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	M	M	M	M	M	M	M	M	M	M	M	M
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5	0.	7.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	2.0	14.9	.2	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	2.7	0.	0.	0.	0.	0.	2.7
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	18.0	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	18.5
9	.5	4.5	2.5	.7	0.	0.	0.	0.	0.	0.	0.	0.	8.7
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	1.0	2.2	3.0	0.	0.	0.	0.	0.	0.	0.	M
12	0.	0.	0.	0.	0.	26.6	1.0	1.0	0.	0.	0.	0.	37.4
13	0.	0.	0.	0.	.5	.2	.5	0.	0.	0.	0.	0.	1.2
14	0.	0.	0.	0.	0.	0.	0.	0.	1.2	.5	1.0	0.	19.8
15	0.	0.	18.7	.2	0.	0.	0.	.2	0.	0.	0.	0.	19.1
16	0.	0.	2.2	0.	0.	0.	0.	.7	.2	0.	0.	0.	3.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	1.0	1.2	0.	0.	1.7	3.9
19	0.	1.2	3.3	1.7	0.	0.	0.	0.	0.	0.	0.	0.	6.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	3.2
23	0.	0.	0.	0.	0.	0.	9.8	0.	0.	0.	0.	0.	8.8
24	0.	0.	0.	8.1	0.	0.	0.	0.	0.	0.	0.	0.	8.1
25	0.	0.	.5	4.3	2.0	.2	0.	0.	0.	0.	0.	0.	7.0
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	8.6	0.	0.	0.	0.	0.	8.6

PRECIPITATION DATA

STA. NO. WG 7 LAS BOMBITAS
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	6.8	0.	0.	.5	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
2	0.	0.	0.	0.	8.6	1.2	0.	.5	.7	0.	0.	0.	11.0
3	0.	0.	0.	18.5	11.4	6.0	4.0	2.5	1.2	0.	0.	0.	43.6
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	.5	0.	3.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	8.8	0.	0.	0.	0.	0.	0.	8.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	3.8	0.	0.	0.	0.	0.	3.8
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	1.7	9.1	0.	0.	0.	0.	0.	0.	0.	10.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	5.5	2.5	0.	0.	2.7	10.7
18	0.	0.	0.	1.0	0.	.7	4.5	40.6	3.3	0.	4.3	2.0	56.9
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	3.8	0.	0.	0.	0.	0.	0.	1.2	5.0
25	0.	0.	0.	0.	0.	10.1	0.	0.	0.	0.	0.	0.	10.1
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
28	0.	0.	2.2	0.	0.	0.	0.	0.	.7	0.	0.	0.	2.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 7 LAS BOMBITAS
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	6.8	0.	0.	.5	0.	0.	0.	0.	7.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
5	0.	0.	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	1.5
6	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	3.3
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	.5	4.5	2.7	0.	0.	0.	0.	0.	7.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	.7	.7	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	3.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	2.0	6.3	0.	3.0	1.2	0.	0.	12.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	19.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
29	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
30	0.	0.	0.	0.	0.	0.	13.9	1.2	0.	0.	0.	0.	15.1

PRECIPITATION DATA

NAME: Sta. No. WG 8 Ñato.

LOCATION: Longitude $63^{\circ} 22'$ W, latitude $09^{\circ} 11'$ N;
approximately 3.8 km N of Las Gaviotas.

RECORDS AVAILABLE: Hourly precipitation from July 2, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.3' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.02 " for the first 6" recorded,
 ± 0.04 " for the second 6" recorded (after reversal);
exposure--clear for a 50' radius, low trees and
grass to N, 20' trees to E, S, and W; elevation of
ground at gage--approximately 75 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA
STA. NO. WG 8 NATO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	4.8	1.2
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
14	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	1.7	2.7
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	10.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.6
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.5	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	2.0
9	0.	13.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.4
10	0.	0.	0.	0.	0.	29.4	0.	0.	0.	0.	0.	0.	29.4
11	6.3	0.	22.3	.5	.7	0.	0.	0.	0.	0.	0.	0.	31.0
12	0.	0.	0.	1.7	6.8	0.	0.	0.	0.	0.	0.	0.	15.0
13	.7	0.	34.5	.2	0.	0.	.5	.2	0.	.2	0.	0.	36.3
14	0.	0.	0.	0.	0.	0.	47.7	32.2	3.3	0.	0.	0.	88.1
15	0.	0.	0.	0.	0.	4.8	0.	0.	0.	0.	0.	0.	4.8
16	1.2	.7	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	13.4	.2	.7	0.	0.	0.	0.	0.	14.3
22	0.	0.	0.	.2	2.5	0.	0.	0.	0.	0.	0.	0.	2.7
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	6.3	0.	0.	0.	0.	2.0	3.0	1.7	.7	0.	0.	13.7
26	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	3.3
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	1.0	0.	0.	0.	0.	0.	0.	1.0
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2

PRECIPITATION DATA

STA. NO. WG 8 NATO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	36.8E
3	0. L	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
4	0. L	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	8.6	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
2	0. F	0. E	0. E	0. E	0. E	0. E	0. F	0. E	0. E	0. E	0. E	0. E	36.8E
3	0. L	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
4	0. E	0. E	0. E	0. E	0. E	0. E	0. F	0. E	0. E	0. E	0. E	0. E	0. E
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.	3.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	8.1	0.	0.	0.	0.	0.	0.	0.	0.	8.1
11	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
12	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
13	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	8.1	0.	0.	2.5	1.7	2.5	0.	0.	0.	23.4
17	0.	0.	0.	0.	0.	0.	0.	0.	.5	2.5	.7	0.	3.7
18	0.	0.	0.	0.	0.	22.0	5.5	1.0	0.	0.	0.	0.	28.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	44.4	0.	0.	0.	0.	0.	0.	0.	44.4
26	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
27	M	M	M	M	M	M	M	M	M	M	M	M	M
28	M	M	M	M	M	M	M	M	M	M	M	M	M
29	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA
STA. NU. WG 8 NATO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	M	M
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	M	M	M	M	M	M	M
10	M	M	M	M	M	M	M	M	M	M	M	M	M
11	M	M	M	M	M	M	M	M	M	M	M	M	M
12	M	M	M	M	M	M	M	M	M	M	M	M	M
13	M	M	M	M	M	M	M	M	M	M	M	M	M
14	M	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	8.1	0.	0.	0.	0.	0.	0.	0.	0.	8.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. WG 9 Aribí.

LOCATION: Longitude $63^{\circ} 10'$ W, latitude $09^{\circ} 17'$ N;
in the village of El Paso de Aribí.

RECORDS AVAILABLE: Hourly precipitation from June 30, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.1' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.03 " for the first 6" recorded,
 ± 0.06 " for the second 6" recorded (after reversal);
exposure--clear for a radius of 100', brush to S
and E, building to W; elevation of ground at gage--
approximately 60 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. WG 9 ARIBI
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E
22	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E
23	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E
24	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	0.	0.	1.2
9	7.3	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	16.1
10	0.	0.	0.	0.	0.	12.7	4.5	0.	0.	0.	0.	0.	17.2
11	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
12	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	2.0
13	0.	0.	0.	0.	0.	0.	.7	.5	0.	0.	0.	0.	1.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	1.2	.7	0.	0.	0.	0.	0.	1.9
16	1.7	0.	.7	2.0	0.	0.	0.	0.	0.	0.	0.	0.	4.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E	0.
21	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E	0.
22	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E	0.
23	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E	0.
24	0.	E	0.	E	0.	E	0.	E	0.	E	0.	E	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	12.7	2.5	2.5	3.8	2.5	.5	.5	.2	25.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 9 ARIBI
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
8	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
9	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
4	0.	0.	0.	0.	0.	11.4	9.6	0.	0.	0.	0.	0.	21.0
5	0.	0.	1.0	13.4	72.3	0.	2.0	0.	0.	0.	0.	0.	88.7
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.1E	0. E	0. E	27.1E
7	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
8	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0. E
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	.5E	1.0E	1.0E	0.	0.	0.	0.	0.	0.	2.5E
26	0.	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5	0.	4.5
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG 9 ARIBI
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	11.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	1.7	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
5	0.	8.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.3
6	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
7	0.	0.	0.	3.0E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	0. E	3.0E
8	0. E	0. E	0. E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0. E
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	1.0	6.6	0.	0.	0.	0.	0.	0.	0.	0.	7.6
11	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	2.7	.7	0.	.2	.5	0.	0.	0.	0.	0.	0.	4.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. WG10 Las Casitas.

LOCATION: Longitude $63^{\circ} 37'$ W, latitude $09^{\circ} 12'$ N;
approximately 24.5 km NW of Oritupano, at
Las Casitas.

RECORDS AVAILABLE: Hourly precipitation from July 1, 1969 through
September 30, 1969.

GAGE: Belfort weighing-type gage, 8" diameter collector
3.1' above the surrounding terrain. Range--0" to
12"; accuracy-- ± 0.03 " for the first 6" recorded,
 ± 0.06 " for the second 6" recorded (after reversal);
exposure--grass and low trees to N and W, trees to
E, building to S; elevation of ground at gage--
approximately 160 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. WG10 LAS CASITAS
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	3.8	1.2	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	1.5
12	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	.2	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	5.3	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.7
9	1.2	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
10	7.6	6.0	0.	0.	0.	6.6	.7	1.7	0.	0.	0.	0.	22.6
11	.2	0.	0.	24.1	1.2	0.	0.	.2	0.	0.	0.	0.	27.9
12	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
13	1.2	.2	0.	0.	0.	0.	0.	.7	.5	0.	0.	0.	2.6
14	.5	0.	0.	0.	0.	0.	0.	2.2	.5	.5	0.	0.	4.6
15	0.	0.	0.	0.	1.5	23.6	0.	0.	0.	0.	0.	0.	25.1
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8	3.8
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	1.0	1.0	.7	0.	0.	0.	2.7
26	0.	0.	0.	7.6	.5	0.	0.	0.	0.	0.	0.	0.	8.1
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA
STA. NO. WG10 LAS CASITAS
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.8	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	1.2	10.4	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5E	1.2E
23	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2	1.7
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.5
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
2	0.	0.	0.	4.5	0.	0.	1.2	1.0	0.	0.	0.	0.	7.4
3	0.	6.3	0.	6.8	.5	1.5	8.6	1.2	1.0	.2	0.	0.	26.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	8.8	0.	0.	0.	0.	8.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	.7
8	0.	0.	0.	0.	0.	0.	3.8	0.	0.	0.	0.	0.	3.8
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	17.0	2.5	0.	0.	0.	0.	28.3
12	0.	0.	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
13	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	1.2	.5	0.	.2	.7	.7	0.	0.	3.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	8.8	0.	0.	0.	0.	0.	0.	0.	0.	8.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7E
23	0.	0.	0.	0.	3.8	6.3	0.	0.	1.0	0.	0.	0.	11.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	0.	4.4
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	5.8	0.	0.	0.	0.	0.	0.	0.	0.	11.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
31	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2

PRECIPITATION DATA
STA. NO. WG10 LAS CASITAS
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	8.1	12.1	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	2.5
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	2.5	.2	0.	0.	0.	0.	0.	0.	2.7
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	2.0

PRECIPITATION DATA

NAME: Sta. No. WG11 Día Perdido.

LOCATION: Longitude 63° 37' W, latitude 09° 21' N;
approximately 15.2 km SE of Aguasay.

RECORDS AVAILABLE: Hourly precipitation from July 3, 1969 through
September 30, 1969.

GAGE: Fuess float-siphon gage installed and maintained
by Project VIMHEX for M. O. P.; exposure--clear
for a 100' radius, grass to N, E, and W, low
trees to S; elevation of ground at gage--
approximately 160 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. WG11 DIA PERDIDO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
3	0.	0.	7.6	0.	0.	0.	.2	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.1
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.8	0.
12	0.	0.	0.	.5	12.7	0.	0.	0.	0.	0.	0.	4.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.9	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3	1.0	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	2.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	16.2	0.	0.	0.	0.	0.	0.	16.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	3.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
9	.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.5
10	0.	0.	13.7	0.	0.	0.	9.9	.5	0.	0.	0.	0.	24.1
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.8
12	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.4
13	1.5	7.6	0.	0.	0.	0.	2.2	1.5	.7	0.	0.	0.	13.5
14	5.5	.2	0.	0.	0.	0.	2.0	3.3	112.2	6.3	0.	0.	129.5
15	0.	.7	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	4.2
16	10.1	3.8	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.8
17	0.	8.3	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	9.8
18	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
21	0.	0.	0.	1.2	0.	4.3	10.9	0.	0.	0.	0.	0.	16.4
22	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	2.5
23	0.	0.	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	1.5	3.0	1.0	.2	.5	0.	7.9
26	0.	0.	0.	1.2	3.0	0.	0.	0.	0.	0.	0.	2.7	6.9
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. WG11 DIA PERDIDO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
12	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	1.2	3.5	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6	0.	13.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	M	M	M	M	M	M	M	M	M	M	3	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	1.0	148.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	150.0
2	0.	0.	15.4	0.	0.	0.	46.4	1.2	.5	.2	0.	0.	64.4
3	0.	.5	2.2	22.6	35.5	15.2	36.8	13.9	.7	0.	0.	0.	127.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	.2	0.	0.	0.	0.	0.	0.	0.	.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	1.2
7	0.	0.	0.	.7	0.	.5	0.	0.	0.	0.	0.	0.	1.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
9	0.	.5	0.	0.	0.	3.8	0.	0.	0.	0.	0.	0.	4.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
12	0.	0.	13.9	.2	0.	0.	0.	0.	0.	0.	0.	0.	14.3
13	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
14	0.	0.	0.	0.	0.	2.2	0.	0.	0.	0.	0.	0.	2.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	0.	0.	4.9
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0	.5	.7	3.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2
19	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
24	0.	0.	3.5	1.0	0.	0.	0.	0.	0.	0.	0.	0.	4.5
25	0.	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	2.0
26	0.	0.	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	2.2	4.0	0.	0.	0.	0.	0.	0.	0.	0.	6.2
29	0.	0.	0.	0.	0.	0.	.5	0.	.2	0.	0.	0.	.7
30	0.	0.	.2	M	M	M	M	M	M	M	M	M	M
31	M	M	M	M	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. WG11 DIA PERDIDO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	4.5	.7	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	.5	.2	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	M	M	M	M	M	M	M	M	M	M	M	M	M
2	M	M	M	M	M	M	M	M	M	M	M	M	M
3	M	M	M	M	M	M	M	M	M	M	M	M	M
4	M	M	M	M	M	M	M	M	M	M	M	M	M
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	6.6	27.1	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	40.1
8	41.4	26.1	3.0	.2	0.	0.	0.	0.	0.	0.	0.	0.	70.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	10.1	0.	0.	0.	0.	0.	0.	0.	10.1
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
30	0.	0.	36.8	0.	0.	.2	0.	0.	0.	0.	0.	0.	37.0

PRECIPITATION DATA

NAME: Sta. No. SR1 Rio Aisme near Urupia.

LOCATION: Longitude $63^{\circ} 52.7'$ W, latitude $08^{\circ} 56.2'$ N; approximately 41.3 km ENE of El Tigre, near Urupia.

RECORDS AVAILABLE: Hourly precipitation from May 21, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to bridge abutment on downstream side of bridge. Range--unlimited; readability-- $\pm 0.02''$ for $0.25''$ of precipitation; exposure--clear for a radius of approximately 5', dense vegetation to E; elevation of floor of SR--approximately 180 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. SR 1 RIO AISME NEAR URUPIA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0	2.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
29	0.	0.	0.	0.	.5	.7	.5	.7	0.	.7	0.	0.	3.1
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 5R 1 RIO AISME NEAR UROPIA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	3.3	3.0	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	4.0	4.0	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	1.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	12.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.9
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	2.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
16	0.	0.	0.	0.	0.	0.	6.3	6.3	0.	0.	0.	0.	12.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.	7.5
18	0.	0.	2.2	2.2	9.6	9.6	1.7	0.	0.	0.	0.	0.	24.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.0
20	0.	0.	0.	M	M	M	M	M	M	M	M	M	M
21	0.	0.	0.	0.	0.	0.	1.0	1.0	1.7	2.0	0.	0.	5.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	.5	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.0	2.2	1.2	0.	0.	0.	0.	0.	5.4

PRECIPITATION DATA

STA. NO. SR 1 RIO AISME NEAR URUPIA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	5.0E	5.5E	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	8.3E	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	31.7E	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	4.8	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
10	0.	0.	0.	0.	15.2E	17.1E	20.0E	0.	0.	0.	0.	0.	47.3E
11	6.3E	8.8E	8.8E	8.8E	0.	0.	0.	0.	0.	0.	0.	0.	32.7E
12	3.0E	3.0E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.5E
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.3E
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	1.2	1.2	2.2	4.8	0.	0.	0.	0.	0.	0.	0.	0.	9.4
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	26.1E	0.	0.	0.	0.	57.8E
19	0.	0.	12.1E	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.1E
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0. E
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 1 RIO AISME NEAR URUPIA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	.5	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	.7	.5	0.	.5	1.0	0.	0.	0.
12	18.2	7.3	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	2.5	0.	2.2	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.9E	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	4.8	0.	0.	0.	0.	.7	0.	.5	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	3.8	2.5	.5	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	2.5	15.7	21.3	3.0	0.	0.	0.	42.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	3.0	.5	2.0	1.7	0.	7.2
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
8	0.	0.	0.	8.6	27.9	3.0	1.2	0.	0.	0.	0.	0.	40.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	6.0	7.3	0.	0.	0.	0.	0.	0.	0.	1.2	37.0	54.2
12	1.2	1.0	2.0	6.6	12.1	0.	0.	0.	0.	0.	0.	0.	51.4
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	1.7	2.5	0.	0.	0.	0.	0.	4.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.9E
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2E	.5E	1.7E
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
24	0.	0.	0.	0.	0.	0.	0.	3.0	2.5	1.0	1.2	0.	7.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 1 RIO AISME NEAR URUPIA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	8.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.1
23	0.	.5	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR2 Río Aisme near El Aisme.

LOCATION: Longitude 64° 04.8' W, latitude 09° 05.0' N; approximately 28.2 km NE of El Tigre.

RECORDS AVAILABLE: Hourly precipitation from May 21, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to bridge abutment on upstream side of bridge. Range--unlimited; readability-- ± 0.02 " for 0.25" of precipitation; exposure--clear for a radius of 20', trees to SW and E; elevation of floor of SR--approximately 190 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. SR 2 RIO AISME NEAR EL AISME
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	2.2	2.2	0.	0.	0.	0.	0.	0.	0.	0.	4.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 2 RIO AISME NEAR FL AISME
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	2.5	2.2	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.2	0.	0.	.2	0.	.2	0.	.2	0.	.2	0.	.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	.5	.7	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	.5	.7	0.	.2	.2	.2	0.	.2	0.	.2	2.2
19	0.	.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	.5	.7	0.	0.	.7	1.7	1.5	1.5	0.	0.	6.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	.5	.7	.5	.7	0.	0.	.5	.7	3.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.2	.2	.2	.2	0.	.2	0.	0.	0.	0.	1.0
30	0.	0.	.5	.7	2.7	2.7	3.0	3.0	0.	0.	0.	0.	12.6

PRECIPITATION DATA

STA. NO. SR 2 RIO AISME NEAR EL AISME
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	.5
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	1.0	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	3.0	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
10	0.	0.	0.	0.	1.2E	10.9E	0. E	14.7E	M	M	0.	M	26.1E
11	0.	0.	0.	0.	0.	26.1E	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	.5	.5	.5	.2	0.	0.	0.	0.	0.	0.	0.	0.	4.1
14	0.	0.	0.	0.	2.5E	1.0E	0.	0.	0.	0.	0.	0.	3.5E
15	0.	0.	0.	0.	1.2	.5	2.5	1.2	.5	0.	0.	0.	5.9
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	24.8E	7.0E	0.	0.	0.	0.	0.	0.	26.8E
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	.5	.7	.5	0.	0.	0.	0.	0.	0.	1.7
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	3.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 2 RIO AISME NEAR EL AISME
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	1.0	1.0	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	M	M	M	M	M	M	M	M	M	M	M	M
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	1.7
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	.5	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	2.5	3.5	0.	0.	0.	0.	0.
19	0.	0.	1.2	.5	0.	.5	.2	0.	0.	0.	4.5	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	1.2	1.2	1.2	1.7	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	0.	.7
3	0.	0.	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	3.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	M	M	M	M	M	M	M	M	M	M	M	M	M
9	M	M	M	M	M	M	0.	0.	0.	0.	0.	0.	M
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.	3.0
11	4.8	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
12	0.	0.	0.	97.5E	0.	0.	0.	0.	0.	0.	0.	0.	97.5E
13	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.9
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.9
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	1.5	0.	.5	1.2	2.5	1.0	0.	0.	0.	0.	0.	0.	11.5
24	0.	0.	0.	0.	0.	0.	0.	0.	1.2	1.7	1.2	.5	4.6
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	6.0	1.2	0.	0.	0.	0.	0.	0.	0.	0.	7.2
28	0.	0.	0.	0.	0.	1.7	.7	0.	0.	0.	0.	0.	2.4
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 2 RIO AISME NEAR EL AISME
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

FAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	3.0	1.2	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

FAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	24.12	19.5E	0.	0.	0.	0.	0.	0.	42.6E
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR3 Río Carisito near Carisito.

LOCATION: Longitude $63^{\circ} 56.8'$ W, latitude $09^{\circ} 21.8'$ N; approximately 25.2 km WSW of Aguasay.

RECORDS AVAILABLE: Hourly precipitation from May 19, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to bridge abutment on downstream side of bridge. Range--unlimited; readability-- $\pm 0.02''$ for 0.25" of precipitation; exposure--clear for a radius of 60', low trees to N; elevation of floor of SR--approximately 185 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

SIT. NO. 583 RIO CARISIMO NEAR CARISIMO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.5	.7	22.0	22.3	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 3 RIO CARISITO NEAR CARISITO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	3.3	3.3	0.	0.	1.5	1.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	1.5	1.7	0.	0.	0.	0.	0.	0.	0.	0.	3.2
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.8
18	0.	0.	0.	0.	1.5	1.7	0.	0.	0.	0.	0.	0.	3.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	5.5	5.5	15.2	1.0	0.	0.	0.	0.	0.	0.	27.2
22	0.	0.	1.5	1.7	0.	0.	0.	0.	0.	0.	0.	0.	3.2
23	0.	0.	0.	0.	5.3	5.3	0.	0.	0.	0.	0.	0.	10.6
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	0.	0.	6.3
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.0	2.0	.5	.7	0.	0.	0.	0.	5.2

PRECIPITATION DATA

STA. NO. SR 3 RIO CARISITO NEAR CARISITO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	3.3	3.3	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
12	0.	0.	0.	0.	0.	5.5	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7	0.	.7
14	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	1.5	1.7	0.	0.	0.	0.	0.	0.	9.8
2	2.7	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	1.2	10.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.3
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
12	0.	0.	0.	11.6	0.	0.	3.8	0.	2.0	0.	0.	0.	22.9
13	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.1
14	M	M	M	M	M	M	M	M	M	M	M	M	M
15	M	M	M	M	M	M	M	M	M	M	M	M	M
16	M	M	M	M	M	M	M	M	M	M	M	M	M
17	M	M	M	M	M	M	M	M	M	M	M	M	M
18	M	M	M	M	M	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 3 RIO CARISITO NEAR CARISITO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	4.0	3.8	0.	0.	5.3	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	2.0	1.2	0.	0.	3.2
3	0.	1.7	4.8	0.	0.	0.	6.6	0.	0.	0.	0.	0.	13.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	10.1	0.	10.9	0.	0.	0.	0.	0.	0.	0.	21.0
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	3.3	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	7.8
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	2.0	4.5	1.2	0.	0.	7.7
12	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	2.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	6.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.6
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.0
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	3.3	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
23	0.	3.3	12.4	4.0	0.	0.	3.3	1.0	0.	0.	0.	0.	24.0
24	0.	0.	0.	4.5	0.	0.	0.	0.	0.	0.	0.	0.	4.5
25	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
26	0.	0.	0.	3.3	1.5	0.	0.	0.	0.	0.	0.	0.	3.8
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	1.7	0.	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	4.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	3.0

PRECIPITATION DATA

STA. NO. SR 3 RIO CARISITO NEAR CARISITO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	.7	5.5	22.6	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	3.3	1.2	.7	0.	0.	0.	0.	0.	0.	0.	5.2
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	1.2	0.	2.0	1.7	0.	0.	1.5	0.	0.	0.	0.	0.	6.4
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	3.3
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	28.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR4 Río Chive near Campamento La Leona.

LOCATION: Longitude 63° 51.2' W, latitude 09° 03.2' N;
approximately 47 km NE of El Tigre, NNW of
Campamento La Leona.

RECORDS AVAILABLE: Hourly precipitation from May 24, 1969 through
September 30, 1969.

GAGE: Model SR float-siphon gage attached to downstream
side of bridge. Range--unlimited; readability--
±0.02" for 0.25" of precipitation; exposure--clear
for a radius of 100', low trees and brush;
elevation of floor of SR--approximately 205 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. SR 4 RIO CHIVE NEAR CAMPAMENTO LA LEONA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	8.6	8.3	7.8	7.8	1.5	1.5	.2	.5	0.	0.	36.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 4 RIO CHIVE NEAR CAMPAMENTO LA LERIA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	8.1	8.3	1.5	1.5	0.	0.	0.	0.	0.	0.	19.4
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	.5	.5	0.	0.	1.0
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	6.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	3.0	3.3	0.	M	M	M	M	M	M	M	M
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	3.0	3.0	1.5	1.5	0.	0.	9.0
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	5.3	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.8
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	1.5	1.5	1.7	2.0	0.	0.	6.7
30	0.	0.	0.	0.	0.	9.6	.7	5.3	.5	.7	0.	0.	16.8

PRECIPITATION DATA

STA. NO. SR 4 RIO CHIVE NEAR CAMPAMENTO LA LEGUA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	2.5	0.	1.0	.7	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	3.5	3.0	0.	2.5	.7	1.0	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.8	4.3	1.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	3.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
2	0.	0.	2.0	2.2	0.	0.	0.	0.	0.	0.	0.	0.	4.2
3	.7	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
4	0.	0.	0.	0.	0.	0.	1.7	2.0	0.	0.	0.	0.	3.7
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	3.3	6.3	0.	0.	0.	0.	9.6
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	3.0	1.7	0.	0.	0.	0.	0.	0.	0.	4.7
12	.7	3.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.9
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	5.5	1.7	0.	0.	17.9
15	0.	0.	0.	2.5	4.8	0.	5.3	0.	0.	0.	0.	0.	12.6
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.6
18	0.	0.	0.	0.	0.	0.	3.5	4.3	2.5	0.	0.	0.	10.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	1.2	1.2	0.	0.	1.7	.2	0.	0.	0.	0.	0.	4.3
23	0.	0.	0.	0.	0.	0.	1.0	1.0	0.	0.	0.	0.	2.0
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	5.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	11.5
26	0.	0.	7.8	12.9	0.	0.	0.	0.	0.	0.	0.	0.	20.7
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	M	M	M	M	M	M	M	M	M

PRECIPITATION DATA

STA. NO. SR 4 RIO CHIVE NEAR CAMPAMENTO LA LENA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	M	M	M	M	M	M	M	M	M	M	M	M
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	6.0	0.	0.	0.	0.	6.0	15.2	3.0	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3F	1.7F
12	1.2	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.	23.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.2	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	1.7	1.2	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	27.4E	0. F	0. E	0. E	0. E
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	M
2	0.	0.	0.	0.	0.	0.	0.	0.7	3.0	0.	0.	0.	3.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	30.2
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5	0.	2.5
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	7.6	0.	0.	0.	0.	0.	40.6	0.	0.	48.2
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0. F	0. F	3.0E	0. F	0. F	0. E	0. F	0. F	1.7E	0. E	0. F	0. E	13.7E
12	55.3	4.3	1.2	13.9	0.	0.	0.	0.	0.	0.	0.	0.	101.4
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
19	0.	0.	1.2	0.	0.	0.	0.	0.	1.2	0.	0.	0.	2.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	1.2	1.2	0.	0.	0.	0.	5.3
24	0.	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	3.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.4E
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	2.0
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	2.5
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 4 RIO CHIVE NEAR CAMPAMENTO LA LEONA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	M	M	M	M	M	M	M	M	M	M	M	M
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	M	M	M	M	M	M	M	M	M	M	M	M

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	4.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	M	M	M	M	M	M	M	M	M	M	M	M	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.5	1.2	0.	0.	0.	0.	0.	0.	1.7
11	0.	0.	0.	0.	12.1E	12.1E	0. F	0. F	0. E	0. E	0. F	0. E	24.2E
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	1.7
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	12.1	12.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.6
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	11.0	0.	0.	0.	0.	0.	0.	0.	0.	11.0
29	0.	0.	0.	0.	M	M	M	M	M	M	M	M	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR5 Río Chupururo near Campo Mata.

LOCATION: Longitude $64^{\circ} 03.5'$ W, latitude $09^{\circ} 12.6'$ N; approximately 34.5 km ESE of Cantaura, SW of Campo Mata.

RECORDS AVAILABLE: Hourly precipitation from May 19, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to downstream side of bridge. Range--unlimited; readability-- $\pm 0.02''$ for $0.25''$ of precipitation; exposure--trees to N and S, clear to E and W; elevation of floor of SR--approximately 280 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 56.5 RIO CHUPURUN NEAR CAMPO MATA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.5	.7	.5	.7	1.7	1.7	0.	0.	0.	0.	0.	0.	5.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.2	.2	1.2	1.2	0.	0.	0.	0.	2.8
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 5 RIO CHUPURUD NEAR CAMPO MATA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.2	.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	6.0	6.0	1.2	1.2	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	6.3	6.3	0.	0.	0.	0.	0.	0.	0.	0.	12.6
6	0.	0.	9.6	9.3	0.	0.	0.	0.	0.	0.	0.	0.	18.9
7	0.	0.	0.	0.	4.5	4.8	0.	0.	0.	0.	0.	0.	9.3
8	0.	0.	0.	0.	4.5	4.8	0.	0.	0.	0.	0.	0.	9.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	.2	.2	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.	1.2
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	1.5	1.5	0.	0.	0.	0.	0.	0.	0.	0.	17.4
18	6.3	6.3	0.	0.	.2	.5	0.	0.	0.	0.	0.	0.	13.3
19	0.	0.	0.	0.	0.	0.	1.2	1.2	0.	0.	0.	0.	2.4
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	2.2	2.5	0.	0.	0.	0.	0.	0.	4.7
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	2.2	2.2	.7	1.0	1.0	1.0	0.	0.	0.	0.	0.	0.	8.1
25	0.	0.	0.	0.	2.7	2.7	0.	0.	0.	0.	0.	0.	5.4
26	0.	0.	1.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	2.4
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	1.2
30	0.	0.	0.	0.	5.5	5.8	1.5	1.7	0.	0.	0.	0.	14.5

PRECIPITATION DATA

STA. NO. SR 5 RIO CHUPURUC NEAR CAMPO MATA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	.7	.7	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	.5	2.0	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	1.2	.2	0.	0.	0.
14	0.	2.5	2.0	0.	.5	.7	.5	0.	1.7	.5	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	.5	.5	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	2.5	2.5	0.	0.	0.	0.	0.	0.	0.	0.	5.0
4	0.	0.	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	6.3
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	1.7	2.0	1.2	1.2	0.	0.	0.	0.	6.1
7	0.	0.	0.	0.	0.	0.	13.2	0.	0.	0.	0.	0.	13.2
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.4
9	.5	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
10	0.	0.	0.	0.	2.5	13.4	0.	0.	0.	0.	0.	0.	15.9
11	0.	0.	0.	.5	2.0	.7	.5	0.	0.	0.	0.	0.	3.7
12	0.	1.2	0.	0.	0.	0.	.5	1.2	0.	0.	0.	0.	5.4
13	0.	0.	0.	2.5	.7	1.2	0.	0.	0.	1.7	.5	0.	8.0
14	0.	0.	0.	0.	0.	0.	0.	0.	5.8	4.3	3.3	0.	21.8
15	0.	0.	0.	0.	0.	11.4	.5	1.2	0.	0.	0.	0.	13.1
16	2.0	1.2	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.7
17	0.	0.	0.	0.	0.	0.	0.	0.	12.7	6.3	0.	0.	19.0
18	0.	0.	0.	0.	0.	0.	0.	0.	41.9E	0. E	0. E	0. E	41.9E
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	2.0	.5	.7	0.	0.	0.	0.	0.	3.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5E	.5E	2.0E
26	0.	0.	0.	0.	0.	0.	5.0	0.	0.	0.	0.	0.	5.0
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 5 RIO CHUPURUN NEAR CAMPO MATA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5E	7.6E	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	2.0	0.	0.	1.7	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
20	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	2.5	3.8	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	.7	1.2	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	.7	0.	0.	0.	0.	0.	3.0	0.	0.	0.	10.0
3	0.	10.9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.9
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	8.1E	0.	0.	0.	0.	0.	0.	0.	0.	18.2E
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	2.5	7.6	0.	0.	10.1
12	0.	0.	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	6.2
13	0.	13.7	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.7
14	0.	0.	8.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.8
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	11.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.4
23	0.	0.	15.7	22.3	0.	0.	0.	0.	0.	0.	0.	0.	44.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	0.	0.	3.0
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.9
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 5 RIO CHUPURUO NEAR CAMPO MATA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.4
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	3.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	1.2	.5	.5	1.5	0.	0.	0.	0.	0.	0.	0.	17.7
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	5.0	2.5	0.	0.	0.	0.	0.	0.	7.5
11	0.	0.	0.	11.4	.7	.5	0.	0.	0.	0.	0.	0.	12.6
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.0	.7	0.	.5	0.	0.	0.	0.	0.	0.	0.	4.5	4.5
25	0.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.2
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR6 Río Guepe near El Limón.

LOCATION: Longitude 63° 51.2' W, latitude 09° 05.2' N; approximately 48.2 km NE of El Tigre, SW of El Limón.

RECORDS AVAILABLE: Hourly precipitation from May 24, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to downstream side of bridge. Range--unlimited; readability-- ± 0.02 " for 0.25" of precipitation; exposure--clear for a radius of 10' to 15', trees to E; elevation of floor of SR--approximately 285 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. SR 6 RIO GUERE NEAR EL LIMON

MAY 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	3.0	3.0	9.1	7.1	1.0	1.0	0.	0.	0.	0.	26.2
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SP 6 STA. NAME BEAR EL LIMON
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	1.0	.7	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	1.0	1.1	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	2.5	2.2	0.	0.	0.	0.	0.	0.	4.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	5.5	5.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.8
6	0.	0.	1.0	1.0	0.	0.	0.	0.	0.	0.	1.0	.7	3.7
7	0.	0.	0.	0.	.5	.5	.5	.7	0.	.2	0.	.2	2.6
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	0.	0.	6.3
19	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	1.2	1.2	2.7	2.7	.2	.5	5.5
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	2.0	2.2	0.	0.	0.	0.	.5	.7	5.4
24	1.5	1.5	.5	.7	0.	0.	0.	0.	0.	0.	0.	0.	4.2
25	0.	0.	0.	0.	1.0	1.0	0.	0.	0.	0.	0.	0.	2.0
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	.5	.7	1.2	1.2	1.2	1.2	0.	0.	5.0
30	0.	0.	3.3	3.3	11.9	11.9	.5	.7	.2	.2	0.	0.	12.0

PRECIPITATION DATA

STATION NO. SR 6 RIO GUEPE NEAR EL LIMON
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.
12	0.	0.	0.	0.	0.	3.0	0.	0.	0.	5.3	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	1.7	3.0	1.2	.5	.7	1.2	.5	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.9
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	1.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	2.4
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	5.8	5.8	0.	0.	0.	0.	11.6
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	5.5	0.	0.	0.	0.	0.	5.5
8	0.	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
9	0.	.5	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
10	3.0	0.	0.	0.	33.4	8.6	1.5	0.	0.	0.	0.	0.	43.5
11	1.2	0.	0.	7.3	5.5	0.	0.	0.	0.	0.	0.	0.	14.5
12	4.4	0.	0.	0.	0.	1.2	.2	0.	0.	.2	0.	0.	14.7
13	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	0.	0.	1.2
14	.7	0.	1.0	0.	0.	0.	0.	0.	4.4	2.5	.5	0.	14.3
15	0.	0.	0.	0.	6.0	0.	1.7	.7	.5	.5	0.	0.	9.4
16	0.	0.	0.	0.	6.6	0.	0.	0.	0.	0.	0.	0.	6.6
17	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.8
18	0.	0.	0.	0.	0.	0.	0.	12.1	1.0	.5	1.5	0.	15.1
19	0.	0.	6.0	.5	0.	0.	0.	0.	0.	0.	0.	0.	6.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.5
22	0.	3.0	3.0	0.	0.	0.	1.7	0.	0.	0.	0.	0.	7.7
23	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.	2.0
24	0.	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	0.	6.3
25	0.	0.	.7	16.2	.7	0.	0.	0.	0.	0.	0.	0.	17.6
26	0.	0.	0.	7.6	0.	0.	0.	0.	0.	0.	0.	0.	7.6
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	2.5	0.	1.	0.	0.	0.	0.	0.	0.	2.5

PRECIPITATION DATA

STA. NO. 58 6 RIO GUEPE NEAR EL LIMON
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.1
12	3.0	25.5	3.0	0.	1.2	0.	0.	0.	1.7	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0	4.3	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	1.2	2.2	0.	2.0	.5
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M
21	M	M	M	M	M	M	M	M	M	M	M	M
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	9.1	0.	0.	0.	0.	0.	0.	0.	0.	9.1
2	0.	1.2	0.	0.	0.	0.	0.	2.5	2.2	.7	0.	0.	6.6
3	0.	0.	0.	0.	0.	0.	2.5	7.3	2.2	0.	0.	0.	12.0
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	1.2	1.7	0.	0.	0.	0.	0.	2.9
6	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	3.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	12.2	9.1	0.	0.	0.	0.	0.	0.	0.	27.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	20.0	1.2	0.	1.7	25.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	34.5
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.9
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	M	M	M	M	M	M	M	M	M	M	M	M	M
20	M	M	M	M	M	M	M	M	M	M	M	M	M
21	M	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29.2E	0.	29.2E
23	4.3	0.	0.	0.	0.	0.	.7	1.0	0.	0.	0.	0.	6.0
24	0.	0.	.5	0.	0.	3.8	7.1	.7	1.7	0.	0.	0.	13.8
25	0.	0.	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.0
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	4.3	0.	0.	3.0	0.	0.	0.	0.	0.	0.	7.3
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	1.7	0.	4.7

PRECIPITATION DATA

STA. 40, 52 6 RIO GUEPE NEAR EL LIMON

SEPTEMBER 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	11.6	4.8	0.	3.0	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	0.	3.0
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	0.	1.2
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.	1.2
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	1.7	0.	0.	0.	0.	1.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	.5	0.	0.	0.	0.	0.	0.	0.	0.	.5	0.	0.	1.0
22	3.5	2.6	1.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	31.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.4
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	1.0	.2	0.	0.	0.	0.	0.	1.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR7 Río Purgatorio near El Purgatorio.

LOCATION: Longitude 63° 57.6' W, latitude 09° 24.7' N;
approximately 25.4 km W of Aguasay, NNE of El
Purgatorio.

RECORDS AVAILABLE: Hourly precipitation from May 19, 1969 through
September 30, 1969.

GAGE: Model SR float-siphon gage on downstream side of
bridge. Range--unlimited; readability-- ± 0.02 for
0.25" of precipitation; exposure--unprotected;
elevation of floor of SR--approximately 270 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or estimated time
distribution).

PRECIPITATION DATA

STA. NO. SR 7 RIO PURGATORIO NEAR EL PURGATORIO
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	3.5	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.8
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	4.0	4.3	0.	0.	0.	0.	0.	0.	8.3
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 7 RIO PURGATORIO NEAR EL PURGATORIO
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	1.0	1.0	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	1.5	1.5	0.	0.	0.	0.	0.	0.	0.	0.	3.0
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	3.0	3.3	0.	0.	0.	0.	0.	0.	0.	0.	6.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	2.0	1.7	0.	0.	0.	0.	3.7
18	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	0.	0.	6.3
19	0.	0.	0.	0.	2.0	1.7	0.	0.	0.	0.	0.	0.	3.7
20	0.	0.	0.	0.	12.70	12.70	12.45	12.45	0.	0.	0.	0.	50.20
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	4.5	4.3	0.	0.	0.	0.	0.	0.	8.8
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	4.3	4.3	0.	0.	0.	0.	0.	0.	0.	0.	8.6
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 7 RIO PURGATORIO NEAR EL PURGATORIO
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	1.2
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	6.3	3.6	0.	0.	0.	0.	0.	0.	5
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	3.8	3.8	1.2	1.2	0.	0.	0.	0.	0.	0.	0.	0.	12.4
3	0.	0.	1.0	.7	0.	0.	0.	0.	0.	0.	0.	0.	1.7
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	2.0	16.5	4.3	0.	0.	3.8	2.5	0.	.7	0.	0.	29.4
11	1.2	2.5	.7	3.3	0.	0.	0.	0.	0.	0.	0.	0.	12.4
12	0.	0.	0.	29.25	0.	0.	7.15	0.	3.55	0.	0.	0.	39.85
13	0.	3.45	4.45	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.15
14	0.	0.	0.	0.	0.	0.	0.	1.2	5.8	.5	1.0	0.	8.5
15	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.6
16	0.	7.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
17	0.	0.	0.	0.	0.	0.	0.	4.3	0.	0.	0.	0.	4.3
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	19.0	0.	19.0
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	3.3
22	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.8
23	0.	0.	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	6.3
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	1.2	0.	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.9
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 7 RIO PURGATORIO NEAR EL PURGATORIO
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	5.3	0.	0.	1.3	3.0	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	7.6	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.0
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.6
2	0.	0.	0.	0.	0.	0.	6.3	0.	0.	0.	0.	0.	6.3
3	8.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.1
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	7.6	0.	0.	0.	0.	10.1
12	24.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.1
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.6
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	6.3	0.	0.	0.	0.	0.	0.	0.	6.3
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 537 RIO PURGATORIO NEAR EL PURGATORIO
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	1.2	0.	0.	24.6	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	19.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	7.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.1
8	0.	0.	0.	3.0	0.	.5	0.	0.	0.	0.	0.	0.	3.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	6.3	0.	0.	0.	0.	.7	0.	0.	0.	0.	7.0
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	4.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.3
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	5.0	0.	0.	0.	0.	0.	0.	0.	0.	5.0
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. SR8 Río Seco near Campamento La Leona.

LOCATION: Longitude 63° 46.6' W, latitude 08° 59.4' N;
approximately 36.9 km WSW of Oritupano, ESE
of Campamento La Leona.

RECORDS AVAILABLE: Hourly precipitation from May 20, 1969 through
September 30, 1969.

GAGE: Model SR float-siphon gage attached to bridge
abutment on downstream side of bridge. Range--
unlimited; readability-- ± 0.02 " for 0.25" of
precipitation; exposure--unprotected; elevation
of floor of SR--approximately 245 meters.

CODING: M signifies missing data; E signifies estimated
data (estimated amount and/or time distribution).

PRECIPITATION DATA

STA. NO. SR 3 RIO SECO NEAR CAMPAMENTO LA LEONA
MAY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	1.0	1.2	1.7	1.7	0.	0.	0.	0.	0.	0.	0.	0.	5.6
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	1.7	1.7	0.	0.	0.	0.	0.	0.	3.4
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 8 RIO SECO NEAR CAMPAMENTO LA LEGUA
JUNE 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7	2.0
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	2.2	2.2	0.	0.	0.	0.	0.	0.	0.	0.	4.4
2	0.	0.	0.	0.	7.8	7.8	0.	0.	0.	0.	0.	0.	15.6
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	.5	.7	.2	.2	0.	0.	0.	0.	0.	0.	1.6
7	0.	0.	2.7	3.0	0.	0.	0.	0.	0.	0.	0.	0.	5.7
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	1.5	1.5	.2	.2	.5	.7	4.6
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	5.8	5.8	0.	0.	0.	0.	0.	0.	11.6
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.7
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	3.0	3.3	0.	0.	0.	0.	0.	0.	6.3
19	.2	.2	.2	.2	.2	.2	0.	0.	0.	0.	0.	0.	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	2.7	3.0	1.7	1.7	0.	0.	9.1
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	4.5	4.8	0.	0.	0.	0.	9.3
30	0.	0.	0.	0.	2.7	3.0	0.	0.	0.	0.	0.	0.	5.7

PRECIPITATION DATA

STA. NO. 52 R RIO SECO NEAR CAMPAMENTO LA LEGNA
JULY 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	4.5	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	5.3	0.	.5	1.7	1.7	.5	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	4.0	.2	.2	.2	.2	.2	.2	.2	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1.5	1.5	1.7	2.0	0.	0.	0.	0.	0.	0.	0.	0.	6.7
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	.5	.7	1.2	1.5	0.	0.	0.	0.	3.9
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	1.2	1.5	0.	0.	0.	0.	2.7
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
10	1.0	.7	0.	5.8	7.3	2.5	4.0	1.7	0.	0.	0.	0.	26.5
11	0.	2.2	1.2	3.5	0.	0.	0.	0.	0.	0.	0.	0.	6.9
12	6.3	5.3	0.	0.	0.	0.	.5	0.	2.2	0.	0.	0.	18.8
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	7.1	.7	0.	0.	0.	0.	0.	6.3	0.	0.	0.	24.3
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	1.2	1.2	2.2	1.0	0.	0.	0.	0.	5.2
17	0.	0.	14.7	2.7	0.	0.	0.	0.	0.	0.	0.	0.	22.8
18	0.	0.	0.	0.	0.	0.	1.2	0.	4.0	0.	0.	0.	5.2
19	0.	0.	2.2	2.0	.5	0.	0.	0.	0.	0.	0.	0.	4.7
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
23	0.	0.	0.	0.	0.	1.5	0.	0.	0.	0.	0.	0.	1.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	3.5	0.	0.	0.	.5	.5	0.	0.	0.	0.	4.5
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 53 R RIO SECO NEAR CAMPAMENTO LA LEONA
AUGUST 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	7.1	0.	2.2	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	5.2	0.	0.	3.5	0.	0.
17	0.	0.	0.	0.	0.	2.7	7.1	0.	0.	0.	1.7	0.
18	0.	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.2	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
23	0.	0.	0.	0.	4.8	27.4	2.7	7.6	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	1.2	1.2	0.	0.	0.	2.4
3	0.	0.	0.	0.	0.	1.2	11.4	4.8	0.	0.	0.	0.	17.4
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	4.5	.7	5.3	0.	1.0	0.	0.	0.	0.	0.	11.5
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	3.5	1.0	0.	2.5	4.5	11.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.3
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	3.5	0.	0.	0.	0.	0.	3.5
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	1.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.3
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.5
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
19	0.	0.	0.	0.	0.	0.	0.	5.2	0.	0.	0.	0.	11.6
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
23	0.	0.	1.2	6.3	1.7	0.	0.	1.0	0.	1.2	0.	0.	53.9
24	0.	0.	0.	0.	0.	0.	6.8	1.2	4.5	0.	0.	0.	12.5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.7
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	1.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.7
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	5.2	0.	2.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.5
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SR 8 RIO SECO NEAR CAMPAMENTO LA LEDNA
SEPTEMBER 1969
PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	2.7	10.1	0.	0.	0.	0.	0.	1.5	0.	0.	0.	14.3
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8	0.	0.	5.8
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	3.8	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	1.7	3.4	0.	0.	0.	0.	0.	0.	0.	0.	4.5
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	0.	0.	1.2
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	1.2	5.0	0.	0.	0.	0.	0.	6.2

PRECIPITATION DATA

NAME: Sta. No. SR9 Quebrada Mapiricure o San Miguel near El Aceite.

LOCATION: Longitude $64^{\circ} 11.2'$ W, latitude $09^{\circ} 05.1'$ N; approximately 22.2 km NNE of El Tigre, S of El Aceite.

RECORDS AVAILABLE: Hourly precipitation from May 24, 1969 through September 30, 1969.

GAGE: Model SR float-siphon gage attached to bridge abutment on upstream side of bridge. Range--unlimited; readability-- $\pm 0.02"$ for 0.25" of precipitation; exposure--unprotected; elevation of floor of SR--approximately 255 meters.

CODING: M signifies missing data; E signifies estimated data (estimated amount and/or estimated time distribution).

PRECIPITATION DATA

STA. NO. 50 9

QUEBRADA MAPIRICURE O SAN MIGUEL NEAR EL ACEITE

MAY 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	.5	.7	0.	0.	.7	1.0	0.	0.	0.	0.	2.9
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 58 2

QUEBRADA MAPIRICURE D SAN MIGUEL NEAR EL ACEITE

JUNE 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	1.5	1.7	0.	0.
18	.5	.7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	.2	.2	.2	.2	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	.7	.7	0.	0.	0.	0.	0.	0.	0.	0.	1.4
6	0.	0.	0.	0.	.7	1.0	0.	0.	0.	0.	0.	0.	1.7
7	0.	0.	0.	0.	1.2	1.5	0.	0.	0.	0.	0.	0.	2.7
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.2
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	1.7	1.7	2.5	2.7	8.6
22	0.	0.	.2	.2	.2	.2	0.	.2	0.	0.	0.	0.	1.0
23	0.	0.	0.	0.	0.	0.	.5	.7	0.	0.	0.	0.	1.2
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	1.2	1.2	.5	.7	.2	.5	0.	.2	.2	.2	4.9
30	0.	0.	0.	0.	0.	0.	3.0	3.3	0.	0.	7.6	7.6	22.3

PRECIPITATION DATA

STA. NO. SR 9

QUEBRADA PAPIRICURE D SAN MIGUEL NEAR EL ACEITI

JULY 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	1.2	1.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.7
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	5.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.1
10	0.	0.	0.	0.	0.	11.6	1.7	0.	0.	1.0	0.	0.	14.3
11	0.	7.6E	7.6E	0. E	0. F	0. E	0. F	0. E	0. F	0. E	0. E	0. E	15.2E
12	0.	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.0
13	5.0E	5.0E	5.0E	5.3E	0. F	0. E	0. F	0. F	0. F	0. E	0. E	0. E	20.3E
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
15	0.	0.	0.	1.2	0.	0.	11.6	1.0	0.	0.	0.	0.	13.8
16	0.	0.	5.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
17	0.	0.	15.2E	0. E	0. E	0. F	0. E	0. E	0. F	0. E	0. E	0. E	15.2E
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	2.0E	1.7E	1.2E	0. E	0. E	0. F	0. F	0. E	0. E	0. E	4.9E
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	11.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.1
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. 53.9

QUEPRADA MAPERICUPI EL SAN MIGUEL NEAR EL ACEITE

APRIL 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.5	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	1.0	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	23.3	2.7	6.6	2.2	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	1.2	1.0	.5	0.	0.	1.2
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.3	1.2
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	26.1	11.6	8.6	0.	0.	0.	0.	50.8
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.0
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	21.3	0.	5.0	6.6	3.3	0.	0.	0.	0.	0.	36.2
9	2.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.5
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	5.3	9.9	.5	.5	1.2	0.	0.	0.	11.6	11.6	5.3	5.3	51.2
12	0.	0.	0.	5.9	0.	0.	0.	0.	0.	0.	0.	0.	40.6
13	0.	0.	3.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	1.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.1
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.5
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	1.2	0.	3.5	2.2	0.	0.	0.	0.	0.	0.	0.	0.	7.4
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.2	.5	1.2	3.9
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.5
26	0.	0.	0.	0.	0.	2.0	0.	0.	0.	0.	0.	0.	2.0
27	0.	0.	0.	0.	0.	0.	.7	1.0	0.	0.	0.	0.	1.7
28	0.	0.	14.4	2.6	0.	0.	0.	0.	0.	0.	0.	0.	16.9
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

STA. NO. SP. 9

QUEBRADA MAPICURE O SAN MIGUEL NEAR EL ACEITE

SEPTEMBER 1969

PRECIPITATION IN MILLIMETERS

DAY	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	3.6	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

DAY	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	TOTAL
1	8.6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.6
2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.5
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	15.7	15.7	5	0.	0.	0.	0.	0.	31.9
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	0.	5.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.8
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PRECIPITATION DATA

NAME: Sta. No. NG1 Mesa Pelona

LOCATION: Longitude 63° 55.3' W, latitude 09° 27.6' N, approximately 14.7 km SW of Tonoro.

RECORDS AVAILABLE: Daily precipitation from 1000 hrs August 2, 1969, through 1035 hrs October 1, 1969.

GAGE: Type--non-recording; range--0 to 6 inches; exposure--clear, flat grasslands.

Date	Time of Observation	Precipitation mm	Date	Time of Observation	Precipitation mm
August			September		
2	1000	-	1	1125	0.0
3	1035	17.2	2	1035	11.2
4	1325	47.0	3	1020	0.0
5	1050	0.0	4	0950	0.0
			5	1015	0.0
6	1000	0.0	6	0955	0.0
7	1020	3.1	7	0930	0.2
8	1005	1.6	8	1115	9.6
9	1220	0.5	9	1100	6.0
10	1020	0.0	10	1117	0.0
11	1455	0.0	11	1005	0.0
12	1340	25.7	12	1200	9.7
13	1100	Trace	13	1010	0.0
14	1100	Trace	14	0935	0.0
15	0950	0.0	15	1015	0.0
16	1125	15.1	16	1105	0.0
17	1110	0.0	17	0955	0.0
18	1130	0.0	18	0940	0.0
19	1015	12.2	19	1130	0.0
20	1035	0.6	20	1030	0.0
21	1115	0.0	21	0950	0.0
22	1025	0.0	22	1110	0.0
23	1105	1.6	23	0955	0.0
24	1020	24.1	24	1050	30.2
25	1120	0.5	25	1045	0.0
26	1235	0.0	26	0945	0.0
27	1100	0.0	27	0955	0.0
28	1010	0.0	28	1020	0.0
29	1130	27.7	29	1030	0.0
30	1000	0.0	30	1430	0.0
31	0945	0.0			
			October		
			1	1035	5.7

PRECIPITATION DATA

NAME: Sta. No. NG2 Guariqueño

LOCATION: Longitude 63° 55.0' W, latitude 09° 11.3' N, approximately 14 km
ESE of Campo Mata.

RECORDS AVAILABLE: Daily precipitation from 1040 hrs August 2, 1969, through
1145 hrs October 1, 1969.

GAGE: Type--non-recording; range--0 to 6 inches; exposure--clear for a 30 ft
radius, then brush about 10 ft high.

Date	Time of Observation	Precipitation mm	Date	Time of Observation	Precipitation mm
August			September		
2	1040	-	1	1210	0.7
3	1125	19.8	2	1115	0.0
4	1420	12.1	3	1100	0.0
5	1125	0.0	4	1315	0.0
			5	0920	0.0
6	1040	0.0	6	1040	0.0
7	1105	2.4	7	1015	0.1
8	1050	4.7	8	1200	0.0
9	0950	6.5	9	1150	26.0
10	1105	0.0	10	1205	0.0
11	1400	9.8	11	1055	32.4
12	1420	47.6	12	1245	0.0
13	0945	0.1	13	1045	0.0
14	0950	30.1	14	1025	0.0
15	1030	8.2	15	1105	0.0
16	1220	1.5	16	1200	0.0
17	1222	2.3	17	1045	0.0
18	1210	0.0	18	0855	0.0
19	1215	2.0	19	1215	0.0
20	1130	0.7	20	1110	0.0
21	1212	0.0	21	1045	0.0
22	1125	0.9	22	1200	0.0
23	1010	16.2	23	1050	3.6
24	1110	31.5	24	1145	21.1
25	1155	12.4	25	1130	6.0
26	1330	0.6	26	1035	0.0
27	1145	0.0	27	1020	0.0
28	0910	0.0	28	1100	0.0
29	1000	0.0	29	1118	3.9
30	1040	0.0	30	1500	0.0
31	1037	1.3			
			October		
			1	1145	2.2

PRECIPITATION DATA

NAME: Sta. No. NG3 La Leona

LOCATION: Longitude 63° 50.6' W, latitude 08° 59.7' N, approximately 36.1 km ENE of San Tomé.

RECORDS AVAILABLE: Daily precipitation from 1145 hrs August 1, 1969, through 1210 hrs October 1, 1969.

GAGE: Type--non-recording; range--0 to 6 inches; exposure--clear for a 30 ft. radius, then trees to north and west.

Date	Time of Observation	Precipitation mm	Date	Time of Observation	Precipitation mm
August			September		
1	1145	-	1	1245	0.0
2	1110	0.6	2	1210	3.9
3	1205	4.4	3	1205	0.0
4	1515	18.7	4	1415	0.0
5	1215	0.0	5	1330	0.0
6	1120	0.0	6	1110	0.0
7	1137	1.0	7	1055	0.0
8	1135	0.0	8	1300	0.0
9	1440	35.2	9	1310	9.6
10	1140	0.0	10	1256	0.0
11	1305	0.0	11	1350	0.0
12	1545	69.2	12	1350	14.8
13	1345	1.1	13	1025	0.0
14	1330	0.0	14	1105	0.0
15	1105	0.0	15	1150	0.0
16	1300	7.4	16	1235	0.0
17	1300	0.0	17	1135	0.0
18	1250	9.5	18	1445	0.0
19	1255	33.5	19	1300	0.0
20	1215	2.8	20	1145	0.0
21	1345	0.0	21	1120	0.0
22	1215	0.3	22	1240	0.3
23	1325	36.3	23	1132	15.9
24	1225	7.8	24	1225	1.5
25	1445	42.2	25	1210	0.0
26	1510	0.1	26	1105	0.0
27	1225	0.0	27	1200	0.0
28	1405	0.0	28	1150	0.0
29	1325	0.0	29	1310	3.0
30	1130	0.0	30	1130	0.0
31	1100	0.0			
			October		
			1	1210	4.0

PRECIPITATION DATA

NAME: Sta. No. NG4 La Concordia

LOCATION: Longitude 63° 55.9' W, latitude 08° 56.5' N, approximately 22.2 km E of San Tomé.

RECORDS AVAILABLE: Daily precipitation from 1220 hrs August 1, 1969, through 1235 hrs October 1, 1969.

GAGE: Type--non-recording; range--0 to 6 inches; exposure--brush about 10 ft high to north, otherwise clear.

Date	Time of Observation	Precipitation mm	Date	Time of Observation	Precipitation mm
August			September		
1	1220	-	1	1325	0.0
2	1210	0.0	2	1325	3.3
3	1300	3.1	3	1250	0.0
4	1600	45.5	4	1455	0.0
5	1340	0.0	5	1410	0.0
6	1200	0.0	6	1155	0.0
7	1230	0.0	7	1135	0.0
8	1220	1.2	8	1400	1.4
9	1625	18.8	9	1400	3.3
10	1220	0.0	10	1350	0.0
11	1220	26.4	11	1430	1.4
12	1930	122.7	12	1432	0.5
13	1640	Trace	13	1200	0.0
14	1540	Trace	14	1145	0.0
15	1140	0.0	15	1230	0.0
16	1625	5.8	16	1315	0.0
17	1400	0.0	17	1210	0.0
18	1415	4.6	18	1410	0.0
19	1500	12.4	19	1350	0.0
20	1305	0.0	20	1225	0.0
21	1445	2.6	21	1152	0.0
22	1350	1.8	22	1345	4.2
23	1446	5.5	23	1214	2.4
24	1310	0.3	24	1305	0.0
25	1545	16.9	25	1245	0.0
26	1602	0.0	26	1140	0.0
27	1305	0.0	27	1225	0.0
28	1440	0.0	28	1235	0.0
29	1425	0.0	29	1350	10.5
30	1215	0.0	30	1055	0.0
31	1215	2.2			
			October		
			1	1235	0.2

PRECIPITATION DATA

NAME: Sta. No. NG5 Triángulo

LOCATION: Longitude 64° 02.0' W, latitude 08° 55.7' N, approximately 9.6 km E of San Tomé.

RECORDS AVAILABLE: Daily precipitation from 1245 hrs August 1, 1969, through 1245 hrs October 1, 1969.

GAGE: Type--non-recording; range--0 to 6 inches; exposure--clear.

Date	Time of Observation	Precipitation mm	Date	Time of Observation	Precipitation mm
August			September		
1	1245	-	1	1335	0.0
2	1215	0.0	2	1335	12.1
3	1310	5.3	3	1300	0.0
4	1610	47.1	4	1510	0.0
5	1350	0.0	5	1420	0.0
6	1220	0.0	6	1200	0.0
7	1240	3.9	7	1145	2.7
8	1230	3.8	8	1405	17.3
9	1610	28.5	9	1407	12.8
10	1230	0.0	10	1400	0.0
11	1210	15.9	11	1437	0.0
12	1910	139.4	12	1445	8.0
13	1650	25.0	13	1210	0.0
14	1550	2.4	14	1155	0.0
15	1150	5.0	15	1240	0.0
16	1635	13.2	16	1325	0.0
17	1410	0.0	17	1220	0.0
18	1455	3.6	18	1400	1.2
19	1510	6.1	19	1400	0.0
20	1315	0.0	20	1235	0.0
21	1500	0.0	21	1200	0.0
22	1400	3.0	22	1355	29.3
23	1452	6.2	23	1224	0.5
24	1320	1.6	24	1315	0.0
25	1555	13.7	25	1255	0.0
26	1612	2.5	26	1148	0.0
27	1315	0.0	27	1235	0.0
28	1450	3.4	28	1245	0.0
29	1435	23.5	29	1400	12.0
30	1225	0.0	30	1045	0.0
31	1225	0.8			
			October		
			1	1245	0.0